HISTORY INFORMATION FOR THE FOLLOWING MANUAL:

SERVICE MANUAL

RA-4A CHASSIS

MODEL NAME	REMOTE COMMANDER	<u>DESTINATION</u>	CHASSIS NO.
KP-53XBR300	RM-Y902	US	SCC-P21A-A
<i>KP-53XBR300</i>	RM-Y902	Canadian	SCC-P21A-A
<i>KP-61XBR300</i>	RM-Y902	US	SCC-P21B-A
KP-61XBR300	RM-Y902	Canadian	SCC-P40B-A

ORIGINAL MANUAL ISSUE DATE: 9/1999

ALL REVISIONS AND UPDATES TO THE ORIGINAL MANUAL ARE APPENDED TO THE END OF THE PDF FILE.

REVISION DATE	REVISION TYPE	SUBJECT
9/1999	No revisions or updates	s are applicable at this time.
6/2002	Correction - 1	D Board Corrections - Q5031 Voltage; Waveforms





SERVICE MANUAL RA-4A CHASSIS

MODEL COMMANDER DEST. CHASSIS NO.

US SCC-P21A-A

KP-53XBR300 RM-Y902 Canadian SCC-P21A-A

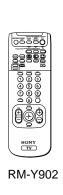
KP-53XBR300 RM-Y902

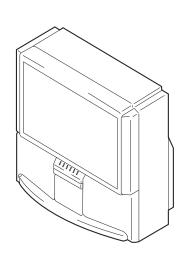
KP-61XBR300 RM-Y902 US SCC-P21B-A

KP-61XBR300 RM-Y902 Canadian SCC-P21B-A

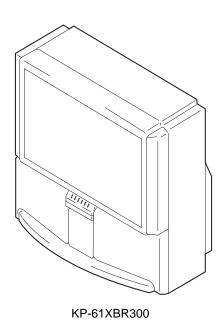
MODEL

COMMANDER DEST. CHASSIS NO.











* Please file according to model size.



COLOR REAR VIDEO PROJECTOR



SPECIFICATIONS

Projection system

3 picture tubes, 3 lenses, horizontal in-line system

Picture tube

7-inch high-brightness monochrome tubes (6.3 raster size) with optical coupling and liquid cooling system

Projection lenses

High performance, large diameter hybrid lens F1.1

Television system

American TV standard

Channel coverage

VHF: 2-13/UHF: 14-69/CATV: 1-125

Antenna

75 ohm external terminal for VHF/UHF

Screen size (measured diagonally)

53 inches (KP-53XBR300)

61 inches (KP-61XBR300)

Inputs/outputs

VIDEO 1/3 IN

VIDEO 2 INPUT

S VIDEO IN (4-pin mini DIN):

Y: 1 Vp-p, 75-ohms unbalanced, sync negative

C: 0.286 Vp-p (Burst signal), 75 ohms

VIDEO (phono jack): 1 Vp-p, 75-ohms unbalanced, sync negative

AUDIO (phono jacks): 500 mVrms (100% modulation), Impedance: 47 kilohms

VIDEO 4 IN

S VIDEO IN (4-pin mini DIN):

Y: 1 Vp-p, 75-ohms unbalanced, sync negative

C: 0.286 Vp-p (Burst signal), 75 ohms

VIDEO (phono jack): 1 Vp-p, 75-ohms unbalanced, sync negative

AUDIO (phono jacks): 500 mVrms (100% modulation), Impedance: 47 kilohms

Y: 1 Vp-p, 75 ohms, sync negative

Рв: 0.7 Vp-p, 75 ohms

Pr: 0.7 Vp-p, 75 ohms

VIDEO 5 (DTV) IN

Maximum scanning rate: 1080i

Y: 1 Vp-p, 75 ohms, negative or tri-level sync

PB: 0.7 Vp-p, 75 ohms

Pr: 0.7 Vp-p, 75 ohms

or

G: 0.7 Vp-p

B: 0.7 Vp-p

R: 0.7 Vp-p

HD: 0.5-5 Vp-p, 2.2 kilohms

VD: 0.6-5 Vp-p, 2.2 kilohms

Note:

The VIDEO 5 (DTV) IN jacks are not compatible with a computer's 5BNC (R/G/B/HD/VD) video output connectors. AUDIO (phono jacks): 500 mVrms (100% modulation), Impedance: 47 kilohms

SELECT OUT

VIDEO (phono jack): 1 Vp-p, 75-ohms unbalanced, sync negative

AUDIO (phono jacks): 470 mVrms (100% modulation), Impedance: 47 kilohms

AUDIO (VAR) OUT (phono jacks): 950 mVrms (100% modulation)

AUDIO (FIX) OUT (phono jacks): 500 mVrms (100% modulation)

CONTROL S IN/OUT: minijacks

Speaker

Front (Tweeter): $50 \text{ mm } (2^{\circ}) \times 2$

Front (Woofer):

130 mm (5") \times 2 (KP-53XBR300)

 $160 \text{ mm} (6^{3}/8") \times 2 (\text{KP-}61\text{XBR}300)$

Front (Center): 100 mm (4") \times 2 Rear: 70 mm (2 3 /4") \times 4

Speaker output

Front: $20 \text{ W} \times 2$ Center: $20 \text{ W} \times 1$ Rear: $10 \text{ W} \times 2$

Power requirement

120 V AC, 60 Hz

Power consumption

In use (Max.): 300 W In standby: 1 W

Dimensions (W/H/D)

 $1,322 \times 1,439 \times 621$ mm (52 $^{1}/_{8} \times 56$ $^{3}/_{4} \times 24$ $^{1}/_{2}$ inches) (KP-53XBR300)

 $1,573 \times 1,533 \times 702 \text{ mm} (62 \times 60^{3}/8 \times 27^{3}/4 \text{ inches})$ (KP-61XBR300)

Mass

127 kg (282 lbs) (KP-53XBR300) 160 kg (355 lbs) (KP-61XBR300)

Supplied accessories

Remote control RM-Y902 (1)

Batteries size AA (R6) (2)

Rear speakers (2)

Speaker cords (2)

Optional accessories

Connecting cables

RK-G34, RK-74A, RKG-69HG, VMC-10HG,

VMC-720M, VMC-810S/820S, YC-15V/30V

U/V mixer EAC-66

Side rack

SU-53XBR200 (for KP-53XBR300)

SU-61XBR200 (for KP-61XBR300)

Design and specifications are subject to change without notice.

SAFETY CHECK-OUT

(US model only)

After correcting the original service problem, perfom the following safety checks before releasing the set to the customer:

- Check the area of your repair for unsoldered or poorly-soldered connections. Check the entire board surface for solder splashes and bridges.
- 2. Check the interboard wiring to ensure that no wires are "pinched" or contact high-wattage resistors.
- 3. Check that all control knobs, shields, covers, ground straps, and mounting hardware have been replaced. Be absolutely certain that you have replaced all the insulators.
- 4. Look for unauthorized replacement parts, particularly transistors, that were installed during a previous repair. Point them out to the customer and recommend their replacement.
- Look for parts which, through functioning, show obvious signs of deterioration. Point them out to the customer and recom mend their replacement.
- 6. Check the line cords for cracks and abrasion. Recommend the replacement of any such line cord to the customer.
- 7. Check the condition of the monopole antenna (if any). Make sure the end is not broken off, and has the plastic cap on it. Point out the danger of impalement on a broken antenna to the customer, and recommend the antenna's replacement.
- Check the B+ and HV to see they are at the values specified.
 Make sure your instruments are accurate; be suspicious of your HV meter if sets always have low HV.
- Check the antenna temminals, metal trim, "metallized" knobs, screws, and all other exposed metal parts for AC leakage. Check leakage as described below.

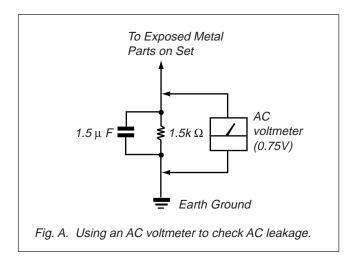
LEAKAGE TEST

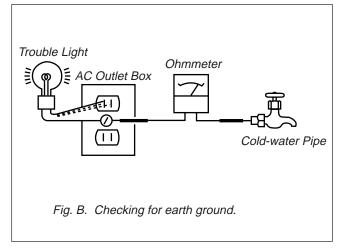
The AC leakage from any exposed metal part to earth ground and from all exposed metal parts to any exposed metal part having a return to chassis, must not exceed 0.5mA (500 microampers). Leakage current can be measured by any one of three methods.

- A commercial leakage tester, such as the Simpson 229 or RCA WT-540A. Follow the manufacturers' instructions to usc these instruments.
- 2. A battery-operated AC milliammeter. The Data Precision 245 digital multimeter is suitable for this job.
- 3. Measuring the voltage drop across a resistor by means of a VOM or battery-operated AC voltmeter. The "limit" indication is 0.75V, so analog meters must have an accurate low-voltage scale. The Simpson 250 and Sanwa SH-63Trd are examples of a passive VOM that is suitable. Nearly all battery operated digital multimeters that have a 2V AC range are suitable. (See Fig. A)

HOW TO FIND A GOOD EARTH GROUND

A cold-water pipe is guaranteed earth ground; the cover-plate retaining screw on most AC outlet boxes is also at earth ground. If the retaining screw is to be used as your earth-ground, verify that it is at ground by measuring the resistance between it and a cold-water pipe with an ohmmeter. The reading should be zero ohms. If a cold-water pipe is not accessible, connect a 60-l00 watts trouble light (not a neon lamp) between the hot side of the receptacle and the retaining screw. Try both slots, if necessary, to locate the hot side of the line, the lamp should light at normal brilliance if the screw is at ground potential. (See Fig. B)





SELF DIAGNOSIS FUNCTION

1. Summary of Self-Diagnosis Function

- · This device includes a self-diagnosis function.
- In case of abnormalities, the TIMER/STANDBY indicator automatically blinks. It is possible to predict the abnormality location by the number of blinks. The Instruction Manual describes blinking of the TIMER/STANDBY indicator.
- If the symptom is not reproduced sometimes in case of a malfunction, there is recording of whether a malfunction was generated or not. Operate the remote command to confirm the matter on the screen and to predict the location of the abnormality.

2. Diagnosis Items and Prediction of Malfunction Location

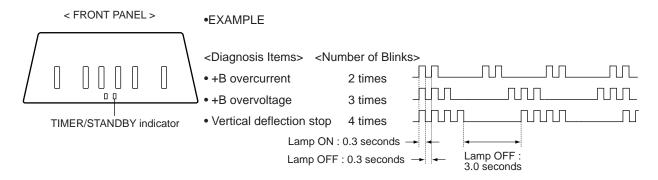
- When a malfunction occurs the TIMER/STANDBY indicator only blinks for one of the following diagnosis items. In case of two
 or more malfunctions, the item which first occurred blinks. If the malfunctions occurred simultaneously, the item with the lower
 blink count blinks first.
- The screen display displays the results regarding all the diagnosis items listed below. The display "0" means that no malfunctions occurred.

Diagnosis item	TIMER/STANDBY Indicater Number of blinks	Supposed malfunction	Condition	Self-diagnosis screen display, Diagnosis item: Results
[Standby Power Supply System] F601 open. R607 open. Q601 short circuit [Main Power Supply System] IC601 and R612 are broken. VDR601 short-circuit		Cannot turn on the power. LED doesn't blink.		
+B OCP detection	2 times Short circuit of power supply system in each circuit.		Goes to the standby mode Short circuit of +B line	2:+B OCP 000
+B OVP detection	3 times	IC6005 is broken. IC6101 is broken.	Goes to the standby mode Malfunction of power supply circuit	3:+B OVP 000
Vertical deflection stop	Video out, IC7101, 7201, 7301 and others in C		Raster goes to one line horizontally.	4 : V Stop 000
Video out abnormality detection			TIMER/STANDBY LED blinks approx. 30 seconds, and then blinks for the self diagnosis.	5 : AKB 000
Horizontal deflection stop	al deflection stop 6 times Q5013 (H OUT) is broken. IC507 (H Jungle) is broken.		Raster doesn't appear.	6 : H Stop 000
High voltage abnormality detection	7 times	Q8008 is broken	Raster doesu't appear.	7 : HV 000
Audio abnormality detection	8 times	IC2601, 2602, 2603 are broken. PS6103, 6104 are broken.	The sound is not out. Goes to the standby mode	8 : Audio 000

^{*: 000} the range of values for number of operations is 000-255. For 256 or higher there is no count up and the number remains at 255.

3. Blinking count display of TIMER/STANDBY indicator

* One blink is not used for self-diagnosis.



Release of TIMER/STANDBY indicator blinking.

The TIMER/STANDBY indicator blinking display is released by turning OFF the power switch
on the TV main unit or removing the plug from the power.

4. Self-diagnosis screen displays

• In cases of malfunctions where it is not possible to determine the symptom such as when the power goes off occasionally or when the screen disappears occasionally, there is a screen display on whether the malfunction occurred or not in the past (and whether the detection circuit operated or not) in order to allow confirmation.

<Screen Display Method>

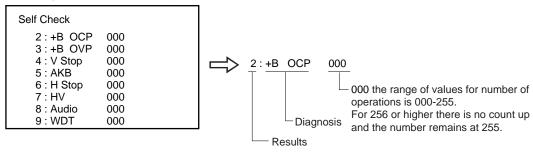
• Quickly press the remote command button in the following order from the standby state.



Be aware that this differs from the method of

entering the service mode (volume +)

Self-diagnosis screen display



5. Self-Diagnosis Screen Display

- The results display is not automatically cleared. In case of repairs and after repairs, check the self-diagnosis screen and be sure to return the results display to "0".
- \bullet If the results display is not returned to "0" it will not be possible to judge a new malfunction after completing repairs.

<Method of Clearing Results Display>

1. Power off (Set to the standby mode)

```
    2. DISPLAY → Channel 5 → VOL + → POWER (Service Mode)
    3. Channel 8 → ENTER (Test reset = Factory preset condition)
```

<Method of Ending Self Diagnosis Screen>

· When ending the self-diagnosis screen completely, turn the power switch OFF on the remote commander or the main unit.

6. Self-diagnosis function operation

OCP Low B and +B line detect DET SHORT, and shut-down POWER ON RELAY.

Reset by turning power on/off.

In case of +B is loaded approx. 1.5A or more, microcomputer detects it via IC6102.

OVP In case of +B becomes approx. 150V or more, POWER ON RELAY shuts down and microcomputer detects it via IC6102.

Reset by turning power on/off just the same as OCP.

V Stop In case of V Drive disappeared, Q5005 detecs it and shut-down POWER ON RELAY. Microcomputer detects it and makes LED blinking.

AKB IK detection. Makes LED blinking in case of microcomputer doesn't detect IK returns of IC511 (CXA2101AQ) 30 seconds or

H Stop In case of H DRIVE is disappeared, Q5006 detects it and shut-down POWER ON RELAY shuts down.

Microcomputer receives H Stop data from Q5006 and makes LED blinking.

HV Stop In case of HV becomes 33KV or more. IC8006 and IC8010 detect it and shut-down

POWER ON RELAY. Microcomputer makes LED blinking.

Audio In case of DC component overlaps the output of Audio Amp., POWER ON RELAY shuts down.

Microcomputer detects it and makes LED blinking.

Self-diagnosis block diagram

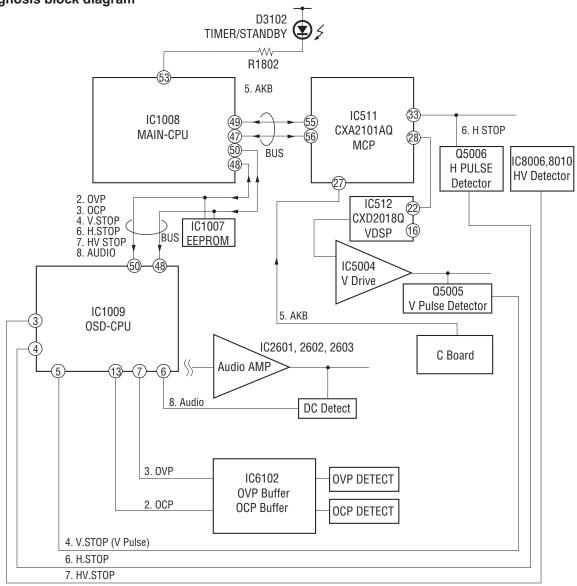


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(CAUTION)

SHORT CIRCUIT THE ANODE OF THE PICTURE TUBE AND THE ANODE CAP TO THE METAL CHASSIS, CRT SHIELD, OR CARBON PAINTED ON THE CRT, AFTER REMOVING THE ANODE.

WARNING!!

AN ISOLATION TRANSFORMER SHOULD BE USED DURING ANY SERVICE TO AVOID POSSIBLE SHOCK HAZARD, BECAUSE OF LIVE CHASSIS.

THE CHASSIS OF THIS RECEIVER IS DIRECTLY CONNECTED TO THE AC POWER LINE.

SAFETY-RELATED COMPONENT WARNING!!

COMPONENTS IDENTIFIED BY SHADING AND MARK \triangle ON THE SCHEMATIC DIAGRAMS, EXPLODED VIEWS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESECOMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY. CIRCUIT ADJUSTMENTS THAT ARE CRITICAL TO SAFEOPERATION ARE IDENTIFIED IN THIS MANUAL. FOLLOW THESE PROCEDURES WHENEVER CRITICAL COMPONENTS ARE REPLACED OR IMPROPER OPERATION IS SUSPECTED.

(ATTENTION)

APRES AVOIR DECONNECTE LE CAP DE L'ANODE, COURTCIR-CUITER L'ANODE DU TUBE CATHODIQUE ET CELUI DE L'ANODE DU CAP AU CHASSIS METALLIQUE DE L'APPAREIL, OU AU COUCHE DE CARBONE PEINTE SUR LE TUBE CATHODIQUE OU AU BLINDAGE DU TUBE CATHODIQUE.

ATTENTION!!

AFIN D'EVITER TOUT RISQUE DELECTROCUTION PROVENANT D'UN CHÁSSIS SOUS TENSION, UN TRANSFORMATEUR D'ISOLEMENT DOIT ETRE UTILISÉ LORS DE TOUT DEPANNAGE

LE CHÁSSIS DE CE RECEPTEUR EST DIRECTEMENT RAC-CORDÉ Á L'ALIMENTATION SECTEUR.

ATTENTION AUX COMPOSANTS RELATIFS ÁLA SÉCURITÉ!!

LES COMPOSANTS IDENTIFIÉS PAR UNE TRAME ET PAR UNE MAPQUE & SUR LES SCHÉMAS DE PRINCIPE, LES VUES EXPLOSÉES ET LES LISTES DE PIECES CONT D'UNEIMPORTANCE CRITIQUE POUR LA SÉCURITÉ DU FONCTIONNEMENT. NE LES REMPLACER QUE PAR DES COMPOSANTS SONY DONT LE NUMÉRO DE PIÉCE EST INDIQUÉ DANS LE PRÉSENT MANUEL OU DANS DES SUPPLÉMENTS PUBLIÉS PAR SONY. LES RÉGLAGES DE CIRCUIT DONT L'IMPORTANCE EST CRITIQUE POUR LA SÉCURITÉ DU FONCTIONNEMENT SONT IDENTIFIES DANS LE PRÉSENT MANUEL. SUIVRE CES PROCÉDURES LORS DE CHAQUE REMPLACEMENT DE COMPOSANTS CRITIQUES, OU LORSQU'UN MAUVAIS FONCTIONNEMENT EST SUSPECTÉ.

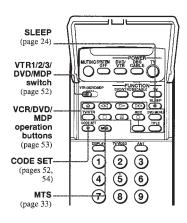
Installing and Connecting the Projection TV

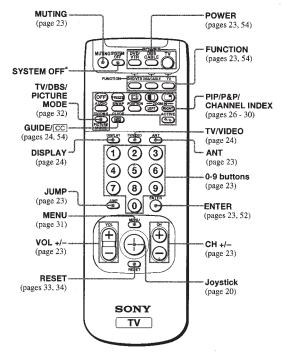
SECTION 1 GENERAL

The operating instructions mentioned here are partial abstracts from the Operating Instructions Manual. The page numbers of the Operating Instruction Manual remain as in the manual. (Part no: 3-867-651-11)



For a detailed explanation of most buttons, see "Watching the TV" on page 23.





Getting to know the buttons on the remote control

Names of the buttons on the remote control are presented in different colors to represent the available functions.

Button color

Transparent: Press to select the component you want to control; e.g. VTR (VCR)/MDP/DVD Player, DBS (Direct Broadcast Satellite)/CABLE, or projection TV.

Green: Buttons relevant to power operations, like turning the projection TV, DBS/CABLE, or VTR (VCR)/MDP/DVD Player on or off

Label color

White:TV/VTR (VCR)/MDP/ DVD Player/DBS (Direct Broadcast Satellite)/CABLE operation buttons

Yellow:PIP, P&P, and CHANNEL INDEX operation buttons

Blue:DBS operation buttons

Pink: DVD Player operation buttons

Installing and Connecting the Projection TV

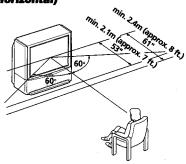
Carrying Your Projection TV

Carrying the projection TV requires three or more people.

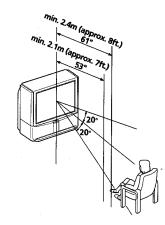
The projection TV has been equipped with casters for easy movement on a hard surface. Please move your projection TV using the casters.

Installing the Projection TV

Recommended viewing area (Horizontal)



Recommended viewing area (Vertical)

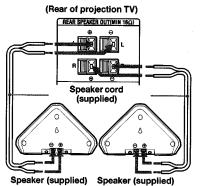


Mounting the Supplied Rear Speakers

For enhanced surround effect, connect the supplied rear speakers to your projection TV.

Connecting the rear speakers

Using the supplied speaker cords, connect REAR SPEAKER OUT L on your projection TV to the speaker terminal on one rear speaker, and connect REAR SPEAKER OUT R to the terminal on the other one.

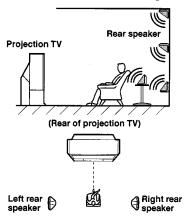


(continued)

^{*} The SYSTEM OFF button does not function with this projection TV.

For optimum surround effect, mount the rear speakers in the following places (as shown in the illustration):

- on a wall, a little higher or lower than the listener's ears.
- · on a table, a little lower than the listener's ears.
- · at the corner where the wall and ceiling meet.



Note:

 Match the colors of the speaker cords and the terminals. If the colors are reversed, sound will be distorted.

Connector Types

You may find it necessary to use some of the following connector types during set up.

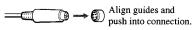
Coaxial cable

Standard TV cable and antenna cable **Plug Type**



S Video cable

High quality video cable for enhanced picture quality



Audio/Video cable



Video - Yellow Audio (Left) - White Audio (Right) - Red

Some DVD Players are equipped with the following three video connectors.

Y - Green PB (CB, Cb or B-Y) - Blue PR (CR, Cr or R-Y) - Red

Composite video cable for a DTV receiver



G/Y - Green

B/P_B - Blue R/P_R - Red

K/PR - Kec

HD - Gray

VD - Black

CONTROL S cable

Sony cable for CONTROL S connections. These features are exclusive to Sony products and allow greater control of all Sony equipment.

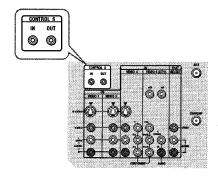
Push into connection.

4

About the CONTROL S IN/OUT jacks

To control other Sony equipment with the projection TV's remote control, connect the CONTROL S IN jack of the equipment to the CONTROL S OUT jack on the projection TV with the CONTROL S cable.

To control the projection TV with a remote control for another Sony product, connect the CONTROL S OUT jack of the equipment to the CONTROL S IN jack on the projection TV with the CONTROL S cable.

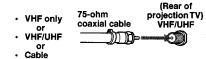


Making Connections

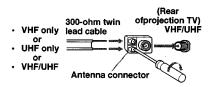
Connecting Directly to a Cable or an Antenna

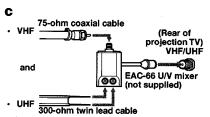
The connection you choose will depend on the cable found in your home. Newer homes will be equipped with standard coaxial cable (see \mathbb{A}); older homes will probably have 300-ohm twin lead cable (see \mathbb{B}); still other homes may contain both (see \mathbb{C}).

A



В





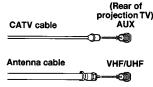
Cable or antenna

This is the simplest connection. Connection is made directly from the cable or antenna to the projection TV.

(Rear of projection TV)
Cable
VHF/UHF

Cable and antenna

You may find it convenient to use the following set up if your cable provider does not feature local channels that you are able to receive using an antenna.



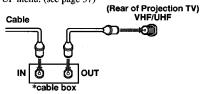
Select Cable or ANT mode by pressing ANT on the remote control.

(continued) 5

Connecting a Cable Box

Some pay cable TV systems use scrambled or encoded signals that require a cable box* to view all channels.

Also, set CABLE to ON in the CHANNEL SET UP menu. (see page 37)

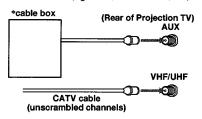


Note:

 If you will be controlling all channel selection through your cable box, you should consider using the CHANNEL FIX feature. (see "CHANNEL FIX" on page 37)

Cable box and cable

Some pay cable TV systems use scrambled or encoded signals requiring a cable box* only for certain channels (e.g. HBO, SHOWTIME, etc.)



For this set up, you can switch between scrambled channels (through your cable box), and normal (CATV) channels by pressing ANT on your remote control.

Notes:

- You may be able to program your Sony remote control to operate your cable box. (see "Operating a Cable Box or DBS Receiver" on page 54)
- During PIP, P&P, CHANNEL INDEX or FAVORITE CHANNEL viewing, the AUX input can only be viewed in the main picture.
- If you are connecting a cable box through the AUX input and would like to switch between the AUX and normal (CATV) input, you should consider using CHANNEL FIX. (see "CHANNEL FIX" on page 37)

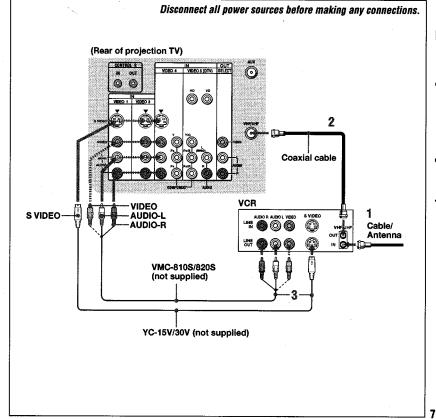
Connecting an Antenna/Cable TV System to a VCR

- 1 Attach the coaxial cable from the incoming cable connection or antenna to IN on the VCR.
- 2 Using a coaxial cable, connect OUT on the VCR to VHF/UHF on the projection TV.
- 3 Using AUDIO and S VIDEO* cables, connect AUDIO and S VIDEO OUT on the VCR to AUDIO and S VIDEO IN on the projection TV (White-AUDIO Left, Red-AUDIO Right).
- * If your VCR is not equipped with S VIDEO, use a VIDEO cable (yellow) instead of the S VIDEO cable.

Note:

6

 If you are connecting a monaural VCR, connect only the single audio output to the left (MONO) input on the projection TV.

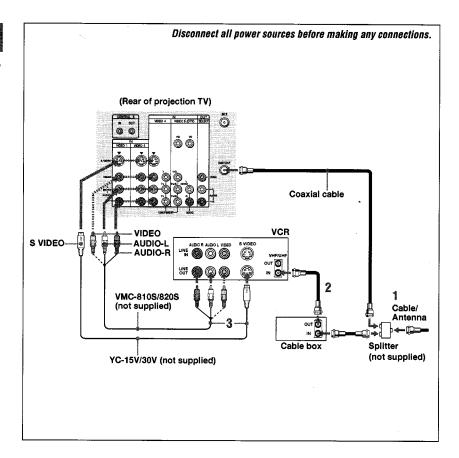


Installing and Connecting the Projection TV

- 1 Connect the single (input) jack of the splitter to the incoming cable connection, and connect the other two (output) jacks (using the coaxial cable) to IN on the cable box and VHF/UHF on the projection TV.
- 2 Using a coaxial cable, connect OUT on the cable box to IN on the VCR.
- 3 Using AUDIO and S VIDEO* cables, connect AUDIO and S VIDEO OUT on the VCR to AUDIO and S VIDEO IN on the projection TV (White-AUDIO Left, Red-AUDIO Right).
- * If your VCR is not equipped with S VIDEO, use a VIDEO cable (yellow) instead of the S VIDEO cable.

Note:

 To view scrambled channels through the cable box, select the video input which the cable box is connected to by pressing TV/VIDEO.



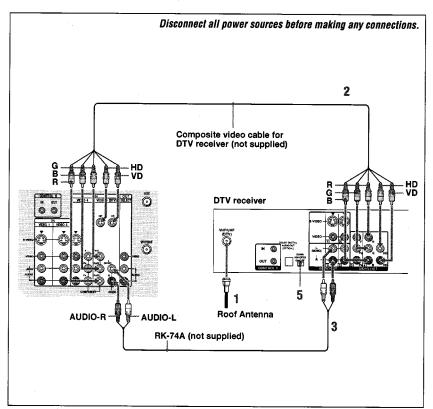
8

Connecting a DTV (Digital Television) Receiver

Before connecting, be sure to read the Operating Instructions of the DTV receiver.

Connecting a DTV (digital television) receiver with the G/B/R/HD/VD jacks

- 1 Attach the coaxial cable from the roof antenna to VHF/UHF on the DTV receiver.
- 2 Using a composite video cable for DTV receiver, connect G, B, R, HD and VD of VIDEO OUT on the DTV receiver to G, B, R, HD and VD respectively of VIDEO 5 (DTV) IN on the projection TV. If the composite video cable is not available, proceed to step 2 in "Connecting a DTV receiver with the Y/Ps/PR (component video input) jacks" on page 10.
- 3 Using an AUDIO cable, connect AUDIO OUT on the DTV receiver to AUDIO of VIDEO 5 (DTV) IN on the projection TV (White-AUDIO Left, Red-AUDIO Right).
- Select the SET UP menu and set DTV INPUT to R.G.B. (see "DTV INPUT" on page 42)
- 5 Set the DOWN CONVERTER ON/OFF switch on the DTV receiver to OFF.



Installing and Connecting the Projection TV

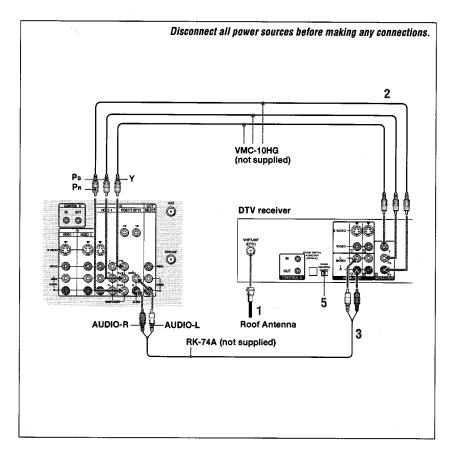
(continued)

Connecting a DTV (digital television) receiver with the Y/Ps/ Pr (component video input) jacks

- Attach the coaxial cable from the roof antenna to VHF/UHF on the DTV receiver.
- 2 Using three VIDEO cables, connect Y, PB and PR of COMPONENT VIDEO OUT on the DTV receiver to Y, PB and PR of VIDEO 5 (DTV) IN on the projection TV.
- 3 Using an AUDIO cable, connect LINE OUT on the DTV receiver to AUDIO of VIDEO 5 (DTV) IN on the projection TV (White-AUDIO Left, Red-AUDIO Right).
- 4 Select the SET UP menu and set DTV INPUT to Y PB PR. (see "DTV INPUT" on page 42)
- 5 Set the DOWN CONVERTER ON/OFF switch on the DTV receiver to OFF.

Note:

• Some DTV receiver terminals may be labeled differently. If so, connect as follows: Connect Y (green) to Y. Connect PB (blue) to CB, Cb or B-Y. Connect PR (red) to CR, Cr or R-Y.



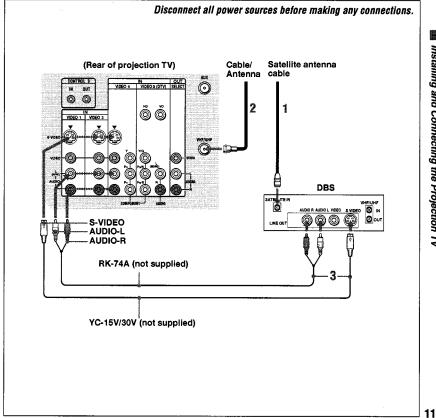
10

Connecting a DBS (Direct **Broadcast Satellite) Receiver**

- 1 Connect the cable from the satellite antenna to the DBS receiver.
- Attach the coaxial cable from the incoming cable connection or antenna to VHF/UHF on the projection TV.
- 3 Using AUDIO and S VIDEO cables, connect AUDIO and S VIDEO OUT on the DBS receiver to AUDIO and S VIDEO IN on the projection TV (White-AUDIO Left, Red-AUDIO Right).

Note:

· To view input from the DBS, select the video input which the DBS receiver is connected to by pressing TV/VIDEO on the remote control.



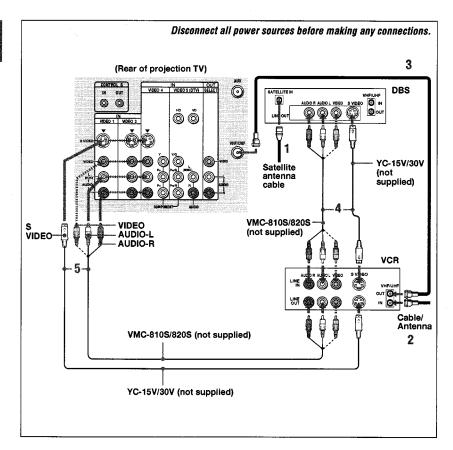
Installing and Connecting the Projection TV

Connecting a DBS (Direct Broadcast Satellite) Receiver and VCR

- Connect the cable from the satellite antenna to the satellite receiver.
- 2 Attach the coaxial cable from the incoming cable connection or antenna to VHF/UHF IN on the VCR.
- Using a coaxial cable, connect VHF/UHF OUT on the VCR to VHF/UHF on the projection TV.
- 4 Using AUDIO and S VIDEO* cables, connect AUDIO and S VIDEO OUT on the DBS receiver to AUDIO and S VIDEO IN on the VCR.
- Using AUDIO and S VIDEO* cables, connect AUDIO and S VIDEO OUT on the VCR to AUDIO and S VIDEO IN on the projection TV (White-AUDIO Left, Red-AUDIO Right).
- * If your VCR or DBS receiver is not equipped with S VIDEO, use a VIDEO cable (yellow) instead of the S VIDEO cable.

Note:

· To view input from the DBS or VCR, select the video input which your DBS receiver or VCR is connected to by pressing TV/VIDEO on the remote control.

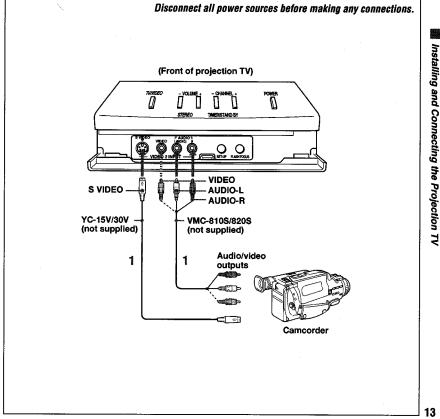


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Connecting a Camcorder

Use this connection to view a picture directly from your camcorder.

- Using AUDIO and S VIDEO* cables, connect AUDIO and S VIDEO OUT on the camcorder to AUDIO and S VIDEO IN inside the drop-down panel on the front of the projection TV (White-AUDIO Left, Red-AUDIO Right**).
- 2 Press VIDEO 2 to select the video inputs from a camcorder.
- * If your camcorder is not equipped with S VIDEO, use a VIDEO cable (yellow) instead of the S VIDEO cable.
- **If you are connecting a monaural camcorder, connect only the single audio output to the left (MONO) input on the projection TV.



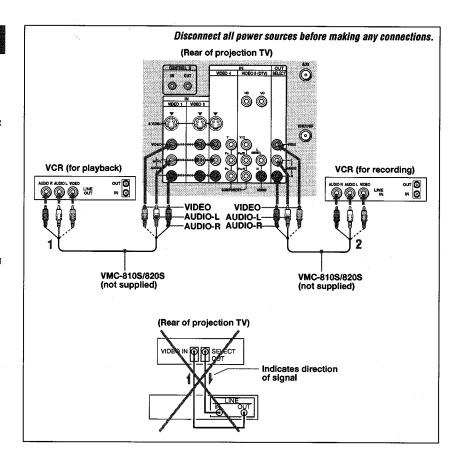
Connecting Two VCRs for Tape Editing

SELECT OUT gives you the ability to use a second VCR to record a program being played by the primary VCR or to perform tape editing and dubbing.

- 1 Connect the VCR intended for playback using the connection instructions on page 7 of this manual
- 2 Using an AUDIO/VIDEO cable, connect AUDIO and VIDEO IN on the VCR intended for recording to AUDIO and VIDEO OUT of SELECT OUT on the projection TV.

Notes:

- Do not change the input signal while editing through SELECT OUT.
- When connecting a single VCR to the projection TV: if VCR LINE OUT is connected to VIDEO IN on the projection TV, do not connect the SELECT OUT on the projection TV to the VCR LINE INPUT (see right). Doing so will cause program interference and other viewing problems.
- You can select the output signal from SELECT OUT from the SET UP menu. (see "SELECT OUT" on page 40)



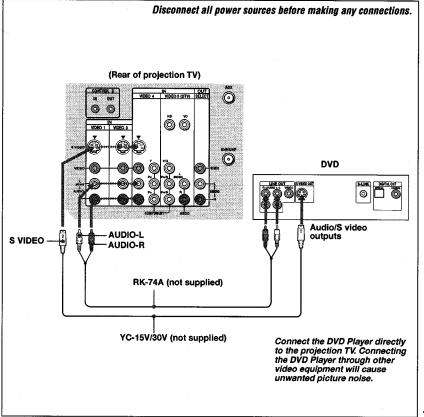
14

Connecting a DVD Player With S Video or Composite Video Output Connectors

Using an AUDIO and S VIDEO cables, connect AUDIO and S VIDEO IN on the projection TV to AUDIO and S VIDEO OUT on the DVD Player (White-AUDIO Left, Red-AUDIO Right).

Note:

• Since the high quality pictures on a DVD disc contain a lot of information, picture noise may appear. In this case, adjust NR in the VIDEO menu. (see "NR" on page 33)

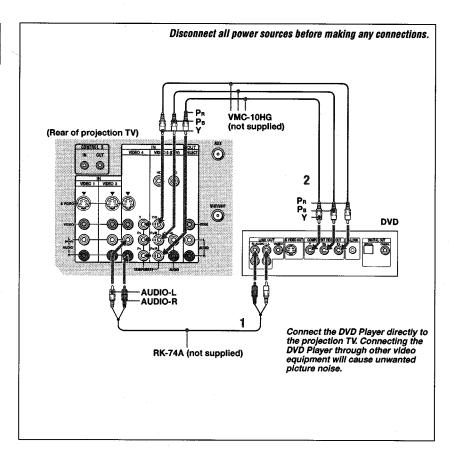


Installing and Connecting the Projection TV

- 1 Using an AUDIO cable, connect AUDIO R and L of LINE OUT on the DVD Player to AUDIO R and L of VIDEO 4 IN or VIDEO 5 (DTV) IN on the projection TV (White-AUDIO Left, Red-AUDIO Right).
- 2 Using three VIDEO cables, connect Y, PB and PR of the COMPONENT VIDEO OUT on the DVD Player to Y, PB and PR of VIDEO 4 IN or VIDEO 5 (DTV) IN on the projection TV.

Notes

- If your DVD Player has 480p format capability, connect it to the Y, PB and PR of VIDEO 5 (DTV) IN on the projection TV.
- Some DVD Player terminals may be labeled differently. If so, connect as follows: Connect Y (green) to Y.
 Connect PB (blue) to CB, Cb or B-Y.
 Connect PR (red) to CR, Cr or R-Y.
- Since the high quality pictures on a DVD disc contain a lot of information, picture noise may appear. In this case, adjust NR in the VIDEO menu. (see "NR" on page 33)



16

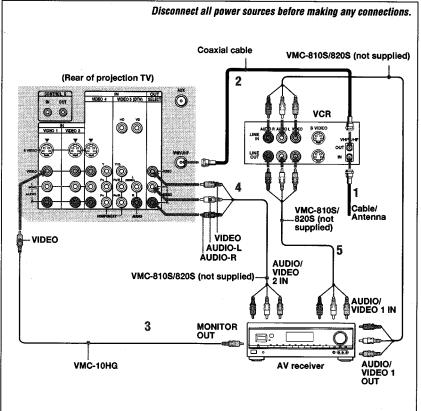
Connecting an AV Receiver

For greater control of all audio and video equipment, connect an AV receiver.

- 1-2Perform as described on page 7.
- 3 Using a VIDEO cable, connect VIDEO of VIDEO 1 IN on the projection TV to MONITOR OUT on the AV receiver.
- 4 Using an AUDIO/VIDEO cable, connect SELECT OUT on the projection TV to VIDEO 2 IN on the AV receiver.
- 5 Using an AUDIO/VIDEO cable, connect the video equipment to the AV receiver.
- 6 Select the SET UP menu and set SELECT OUT to TV OUT. (see "SELECT OUT" on page 40)

Note:

 You may want to use CHANNEL FIX to fix your TV's input to the AV receiver (VIDEO 1). (see "CHANNEL FIX" on page 37)



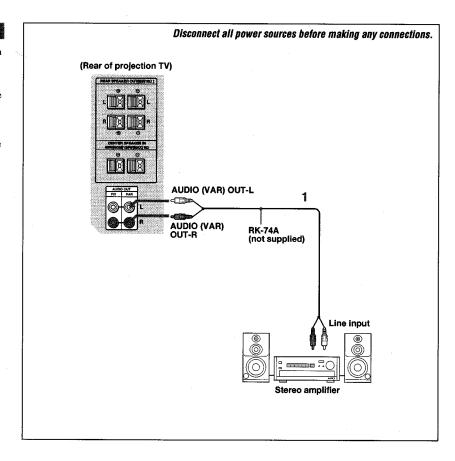
Installing and Connecting the Projection 1

Connecting an Audio System

For more dynamic sound, connect an audio system to the projection TV.

- 1 Using an AUDIO cable, connect AUDIO (VAR) OUT on the projection TV to one of the unused Line inputs (e.g. Tape-2, AUX1, etc.) on the stereo (White-AUDIO Left, Red-AUDIO Right).
- 2 Set the stereo to the chosen Line input and use the AUDIO menu to switch the TV's speakers off. (see "SPEAKER" on page 34)

· You can adjust VOLUME, BASS, TREBLE and BALANCE through the projection TV on AUDIO (VAR) OUT only.

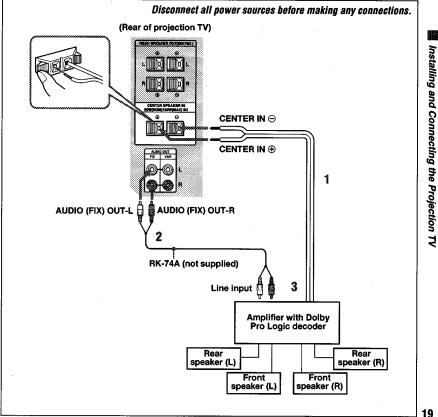


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Connecting an Amplifier That Supports Dolby Pro Logic Decoder

If you use an amplifier with a Dolby Pro Logic decoder instead of the projection TV's audio system, you can still use the projection TV's center speaker.

- 1 Using the speaker cords (supplied with the amplifier), connect the speaker terminals on the amplifier to CENTER SPEAKER IN +/on the projection TV.
- 2 Using an AUDIO cable, connect AUDIO (FIX) OUT on the projection TV to one of the unused Line inputs (e.g. Tape-2, AUX1, etc.) on the amplifier (White-AUDIO Left, red-AUDIO Right).
- 3 Set the amplifier to the chosen Line input and use the AUDIO menu to set "SPEAKER" to "CENTER IN" on the projection TV. (see "SPEAKER" on page 34)



Using the Remote Control

Inserting the batteries

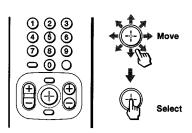
Insert two size AA (R6) batteries (supplied) by matching the + and – on the batteries to the diagram inside the remote control's battery compartment.



Notes

- Remove the batteries to avoid damage from possible battery leakage whenever you anticipate that the remote control will not be used for an extended period.
- Handle the remote control with care. Avoid dropping it, getting it wet, or placing it in direct sunlight, near a heater or where the humidity is high.
- Your remote control can be programmed to operate most video equipment. (see "Operating Video Equipment" on page 52)

Using the remote control joystick



The supplied remote control has a joystick which moves the on-screen selector in eight directions. In most cases, moving the joystick up, down, left or right will cause the selector to move in the selected direction.

In some cases, the selector may move in eight directions according to the function. Pressing down on the center of the joystick (⊕) will activate the selected item.

You may also move the joystick right to activate a selected item. (There are some exceptions to this option.)

Adjusting sliders

When menu items present a slider (row), move the joystick up, down, left or right to adjust the setting.

On-line help/instructions

Several menu windows will provide prompts and instructions to assist you in navigating through the different functions.

20

Setting Up the Projection TV Automatically

The AUTO SET UP feature will allow you to set the on-screen language and set all receivable channels. The AUTO SET UP screen will appear every time you turn on the projection TV until you perform AUTO PROGRAM.

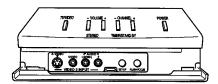
The AUTO SET UP feature does not apply for installations that use a cable box for all channel selection

You can also set up the projection TV manually. (see "Using the CHANNEL SET UP Menu" on page 36)

Notes:

- Perform this function during the day, with the antenna and/or cable properly connected, to ensure that all available channels will be broadcasting and receivable.
- Before you perform AUTO SET UP again, make sure that the input from ANT (not AUX) is selected by pressing ANT until "AUX" does not appear next to the channel number.
- When you perform AUTO PROGRAM, your CHANNEL FIX and ON/OFF TIMER settings will be erased.
- When you perform AUTO PROGRAM, all the settings in the VIDEO and AUDIO menus are reset to the factory settings.

Using the buttons on the front panel and inside the drop-down panel on the projection TV:



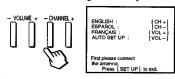
1 Press POWER to turn on the projection TV.



2 Press SET UP inside the drop-down panel. The AUTO SET UP screen appears.



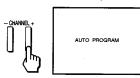
3 Press CHANNEL + to select English, CHANNEL - to select Spanish or VOLUME + to select French. The screen will change to reflect your choice.



4 Press VOLUME – to continue.



5 Press CHANNEL + to preset channels automatically.



"AUTO PROGRAM" appears and the projection TV starts scanning and presetting channels automatically. While scanning, the received channel will be displayed on the sub screen. When all the receivable channels are stored, the lowest numbered channel will be displayed. If the projection TV receives cable TV channels, CABLE is set to ON automatically.

(continued) 21

Basic Set Up

- · Press SET UP inside the drop-down panel on the projection TV, and perform steps 3-5 on page 21.
- Press CHANNEL+, CHANNEL or VOLUME+ to select a language.
- Press VOLUME to restore factory settings ("CONTINUE TO AUTO PROGRAM?" will appear on the screen. Press CHANNEL + to execute or CHANNEL - to exit).
- · Press SET UP to exit.

Adjusting the Convergence **Automatically (FLASH** FOCUS)

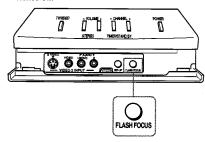
The projection tube image appears on the screen in three layers (red, green and blue). If they do not converge, the color is poor and the picture blurs.

Before you use your projection TV, be sure to adjust the convergence.

The FLASH FOCUS feature allows you to adjust the convergence automatically.

Tip 👸

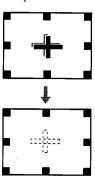
· It is recommended to perform FLASH FOCUS about 30 minutes after the projection TV is first turned on.



- Receive a TV or cable TV program.
- 2 Press FLASH FOCUS.



The cross pattern appears and FLASH FOCUS begins to work. The adjustment is completed when the cross pattern becomes white.



To obtain an optimum convergence

The optimum convergence alignment varies with digital TV formats. Therefore, perform FLASH FOCUS periodically on conventional and digital TV programs. Also, whenever you find that the picture blurs, press FLASH FOCUS.

- You cannot perform any other functions until FLASH FOCUS has completed its cycle.
- If you perform any other operation while FLASH FOCUS is in progress, FLASH FOCUS operation is canceled.

Using Your New Projection TV

Watching the TV

Many TV features can be accessed directly through the remote control. The following will explain the function of some buttons found on your remote control.

Using the white labeled buttons for projection TV operations

REFER TO THE

ILLUSTRATION OF THE REMOTE CONTROL ON THE INSIDE FRONT COVER OF THIS MANUAL AS YOU REVIEW THE FOLLOWING DESCRIPTIONS

TV (FUNCTION)

Activates the remote control for use with the projection TV.

ANT - (AUX Input)

Press to change between the VHF/UHF input and the AUX input. (for detailed connection information, see "Cable and antenna" on page 5 or "Cable box and cable" on page 6).

TV POWER

Turns the projection TV on and off. If a video input indication (e.g., VIDEO 1, VIDEO 2) appears on the screen, press TV/VIDEO until a channel number appears.

(0)-(9) and ENTER

Use for direct channel selection. Press 0-9 to select a channel (for example, to select channel 10, press 1 and 0). The channel will change after 2 seconds, or you can press ENTER for immediate selection.

CH +/-

Press to scan through the channels (+ up or down).

VOL +/-

Press to adjust the volume (+ up or - down).

JUMP

Press to alternate or jump back and forth between two channels. The projection TV will jump between the current channel and the last channel selected using the 0-9 buttons.

MUTING

Press to mute the sound. "MUTING" will appear on the screen and will dim three seconds later. To restore sound, press again or press VOL +.

FREEZE

(yellow labeled button)

This is useful when you need to copy down information that appears on the TV's screen.

Press to freeze the picture.

Press again or press OFF to cancel.

If you select TWIN as a FREEZE MODE in the SET UP menu, you can freeze the desired scene and display it on the left while viewing the normal picture on the right. (see "FREEZE MODE" on page 41)

(continued)

Jsing Your New Projection 7

- The FREEZE button does not function with the picture from VIDEO 5 (DTV) IN.
- If the frozen picture mode is not canceled for more than an hour, the normal picture is resumed automatically.

SLEEP

Press repeatedly until the projection TV displays the approximate time in minutes (30, 60, or 90) that you want the projection TV to remain on before shutting off automatically.

Cancel by pressing until "SLEEP OFF" appears.

DISPLAY

Press to display the channel number, current time, channel caption (if set), and MTS mode (if SAP is selected). The SAP indication disappears and the other indications dim three seconds later.

To turn the display off, press DISPLAY again.

CC

Press repeatedly to scroll through available displays:

XDS (Extended Data Service)

Displays a network name, program name, program type, program length, program description, call letters and time of the show if the broadcaster offers this service.

Caption Vision

Displayed on the screen if the broadcaster offers this service. (see "CAPTION VISION" on page 40)

No display

"OFF" appears and the display is canceled.

TV/VIDEO

Press repeatedly to scroll through available video inputs:

TV, VIDEO 1, VIDEO 2, VIDEO 3, VIDEO 4 and VIDEO 5

If you select SKIP as a VIDEO LABEL in the SET UP menu, your projection TV will skip the video input you selected. (see "VIDEO LABEL" on page 41)

MTS

Press to scroll through the Multi-channel TV Sound (MTS) options. (see "MTS" on page 33)

PICTURE MODE

Press PICTURE MODE repeatedly to directly choose one of five different video modes that best suits the program you are watching.

VIVID:

Select for enhanced picture contrast and sharpness.

STANDARD:

Select to display a standard picture for normal viewing environments.

MOVIE:

Select to display a finely detailed picture for low light environments.

GAME:

Select to display graphics such as a video game.

PRO (Professional):

Select to display a picture with minimum enhancements.

When you select each mode, you can also adjust the picture quality (such as BRIGHTNESS, COLOR, etc.) to suit your taste.

For details, see "MODE" on page 32.

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Watching Digital TV

When you have connected the DTV receiver, you can enjoy digital TV programs. This projection TV is capable of receiving the 1080i, 480p and 480i digital TV formats.

Note:

This projection TV is not suitable for 720p digital TV format. When a 720p format signal is received, the picture will dim and "This signal is not available" is displayed on the screen.

To view a digital TV program

- 1 Connect the DTV receiver to VIDEO 5 (DTV) IN on the projection TV. (for details, see pages 9 and 10)
- 2 Press TV/VIDEO to select VIDEO 5. The digital TV format being received is displayed on the screen for three seconds.

Note:

 You cannot select VIDEO 5 unless a DTV receiver is connected.



3 Select a digital channel on the DTV receiver. For details, see the Operating Instructions of the DTV receiver. 4 Adjust the volume on the DTV receiver.

Tîp 🎖

The optimum convergence alignment varies with digital TV formats. Whenever you find that the picture blurs, press FLASH FOCUS. (for details, see page 22)

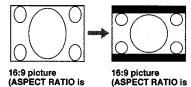
Note:

set to 4:3.)

 The FREEZE button does not function with digital TV programs.

If the picture appears stretched vertically

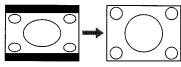
Select the SET UP menu and set ASPECT RATIO to 16:9. (for details, see page 42)



set to 16:9.)

If the picture appears compressed vertically

Select the SET UP menu and set ASPECT RATIO to 4:3. (for details, see page 42)



4:3 compressed picture (ASPECT RATIO is set to 16:9) 4:3 picture (ASPECT RATIO is set to 4:3) Using Your New Projection TV

The Picture-in-Picture (PIP) feature allows you to view two channels simultaneously, one in the full size "main" picture and one in a smaller "window" picture.

You can move the window picture to any location on the screen.

Note:

 The PIP feature is not available for the inputs from VIDEO 5 (DTV) IN.

The symbol "+" or The symbol "♪" "

" indicates which picture's TV channel indicates which picture's sound is or input source can being received. be changed. TV channel or input-source mode for the Main main picture (It picture will dim in about 3

Window picture

seconds.)

TV channel or input-source mode for the window picture (It will dim in about 3 seconds.)

Using the yellow labeled buttons for PIP operations

REFER TO THE
ILLUSTRATION OF THE
REMOTE CONTROL ON THE INSIDE FRONT
COVER OF THIS MANUAL AS YOU REVIEW THE
FOLLOWING DESCRIPTION

Tip 🖫

If you press RESET in PIP mode, the window picture will move to the bottom right (factory-preset location).



Press to display a window picture.

Each time you press this button, the picture size will change $(1/4 \rightarrow 1/9 \rightarrow 1/16)$.

Press OFF to close the window picture.

POSITION

Press to change the location of the window picture (counterclockwise) around the main picture.

ACTIVE

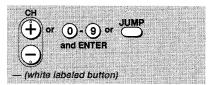
Press to select either the main or window picture in order to change the TV channel or video source using the white labeled buttons below. The symbol "\(\disp''\) (or "\(\disp''\)) will appear to indicate which picture's channel or input mode can be changed.

To change the location of the window picture, move the joystick in any direction and release it when the picture is in the desired location.

IV/VIDEO

— (white labeled button)

Press repeatedly to scroll through the available video inputs for the picture on which the symbol "*" (or "*") is displayed. (see "TV/VIDEO" on page 24)



Press to select the TV channel on which the symbol "*" (or "*") is displayed. (for details, see "Watching the TV" on page 23)

ANT — (white labeled button)

Press to change between the VHF/UHF input and the AUX input for the picture on which the symbol "\(\Delta \)" (or "\(\Delta \)") is displayed.

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Press to alternate sound between the main picture and the window picture. The symbol "\textit{h}" will appear for a few seconds to indicate which picture's sound is being received.

FREEZE

This is useful when you need to copy down information that appears on the TV's screen.

Press to freeze the main and window pictures. The symbols "\rightarrow" and "\rightarrow" and the channel number disappear.

Press again to resume PIP viewing. Press OFF to cancel and resume normal TV viewing.



Press to switch the audio and video of the main picture and the window picture.

Each time you press SWAP, the picture and sound of the two will be exchanged.



Press to access CHANNEL INDEX for direct channel selection. (see "Using CHANNEL INDEX" on page 29) OFF)

Press to cancel the PIP function and return to normal viewing.

Notes:

- If one of the pictures received through PIP is snowy, the entire screen may become unstable. In this case, erase the snowy channel. (see "CHANNEL SKIP" on page 36)
- If you select VIDEO 5 when the main picture is active, the window picture disappears and you can view the picture from VIDEO 5 (DTV) IN.
 When the window picture is active, you cannot view the picture from VIDEO 5 (DTV) IN.

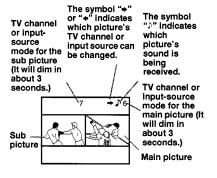
Watching Two Programs at One Time — P&P (Twin View™)

The Picture-and-Picture (P&P) feature allows you to view two channels simultaneously, both in a reduced size screen. The main picture will appear on the right.

You can change the size of both pictures to suit your personal preference.

Note:

• The P&P feature is not available for the inputs from VIDEO 5 (DTV) IN.



(continued)

Using Your New Projection TV

REFER TO THE ILLUSTRATION OF THE REMOTE CONTROL ON THE INSIDE FRONT COVER OF THIS MANUAL AS YOU REVIEW THE

FOLLOWING DESCRIPTIONS

Tip 🛱

If you press RESET in P&P mode, the right and left pictures will be reset to the same size (factory-preset size.)

Press to display right (main) and left pictures.

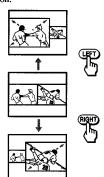
Press OFF to close the sub picture.



Press and hold either RIGHT or LEFT to zoom in on the selected picture.

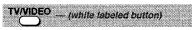
Release at the desired size. The other picture will be zoomed out simultaneously.

Moving the joystick right or left will activate the same function.

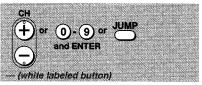




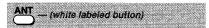
Press to select either the right or left picture in order to change the TV channel or video source using the white labeled buttons below. The symbol "+" (or "+") will appear to indicate which picture's channel or input mode can be changed.



Press repeatedly to scroll through the available video inputs for the picture on which the symbol "◆" (or "◆") is displayed. (see "TV/VIDEO" on page 24)



Press to select the TV channel on which the symbol "→" (or "←") is displayed. (for details, see "Watching the TV" on page 23)



Press to change between the VHF/UHF input and the AUX input for the picture on which the symbol "◆" (or "◆") is displayed.



Press to alternate sound between the right and left pictures. The symbol "\(\infty \)" will appear for a few seconds to indicate which picture's sound is being received.



This is useful when you need to copy down information that appears on the TV's screen.

Press to freeze both the right and left pictures.

Press again to resume P&P viewing or press OFF to cancel and resume normal TV viewing.

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Press to switch the audio and video of the right and left pictures.

Each time you press SWAP, the picture and sound of the two will be exchanged.



Press to cancel the P&P function and return to normal viewing.

Notes:

- · If one of the pictures received through P&P is snowy, the entire screen may become unstable. In this case, erase the snowy channel. (see "CHANNEL SKIP" on page 36)
- If you select VIDEO 5 when the right picture is active, the left picture disappears and you can view the picture from VIDEO 5 (DTV) IN. When the left picture is active, you cannot view the picture from VIDEO 5 (DTV) IN.

Using CHANNEL INDEX

You can use the CHANNEL INDEX feature to display multiple channels and select one directly.

Channels used for CHANNEL INDEX will come directly from the TV's list of receivable channels (those set during AUTO PROGRAM or through the CHANNEL SET UP menu).

· The CHANNEL INDEX feature is not available for the inputs from VIDEO 5 (DTV) IN.

1 Press ().

The current channel will be reduced in size and displayed in the center of the screen in normal motion picture format. The first twelve receivable channels will appear one after another, clockwise, around the center picture. These small pictures are updated in intervals of one second. The channel number and channel caption (if set) on the second and later appearances will dim.





A cyan-colored frame will appear to indicate current channel selection.

2 Move the joystick in any direction to move the cyan frame to the picture that you wish to view, and press +







Jsing Your New Projection

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The selected channel will zoom in and move to the center, and the sound of that channel will be heard.



3 If you wish to view another channel, repeat step 2.

To view the normal picture of the selected channel, proceed to step 4.

4 Press (+).

The center picture will be enlarged for normal viewing.





(continued) 29

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Notes:

- You cannot move the cyan frame until all of the surrounding pictures appear.
- The projection TV will continually update each of the surrounding pictures while the CHANNEL INDEX screen is displayed.
- · Sound will only be heard from the center picture.
- If one of the pictures received through CHANNEL INDEX is snowy, the entire screen may become unstable. In this case, erase the snowy channel. (see "CHANNEL SKIP" on page 36)
- If you leave the CHANNEL INDEX screen displayed for an hour without any additional operation, CHANNEL INDEX is canceled and the normal picture reappears.

Using the yellow labeled buttons for CHANNEL INDEX operations





Press to display the next twelve receivable channels.



Press to cancel the current operation and return to normal TV viewing.

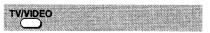


Press to freeze the center picture.

Press again to cancel the frozen picture and resume normal center picture viewing.

Using the white labeled buttons for center picture operations

REFER TO THE
ILLUSTRATION OF THE
REMOTE CONTROL ON THE INSIDE FRONT
COVER OF THIS MANUAL AS YOU REVIEW THE
FOLLOWING DESCRIPTIONS



Press to scroll the center picture through the video inputs.

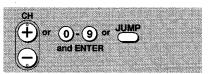
The surrounding channels will not change.

Note:

 Even if the DTV receiver is connected to VIDEO 5 (DTV) IN, the VIDEO 5 input will be skipped.



Press to switch the center picture between the VHF/UHF input and the AUX input.



Press to select a channel for the center picture. (for details, see "Watching the TV" on page 23)

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Adjusting Your SET UP (menus)

Learning Menu Selection

Use the MENU button to access a menu and use the joystick to alter the settings. Use the following example to learn how to modify settings.

Press the MENU button.
 The main menu appears.





2 Move the joystick up or down to highlight the desired menu and press

(press down on the center of the joystick) to activate it.





You may also move the joystick right to activate your selection.

Move the joystick up or down to highlight the desired option.





Press

(press down on the center of the joystick).

Options for your selection (Pop-up menu or Adjusting menu) will be displayed.

Pop-up menu









Move the joystick up or down to make your selection and press
to activate it.

The previous screen will reappear.





Some adjustment menus may require further operations. For details, see each menu option.

To return to the previous screen (except for the slider adjustment menus), choose \supset at the bottom of the menu and press \oplus or move the joystick left.

6 Once you have completed all menu corrections, press MENU to exit the menu screens.



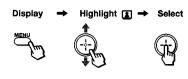
To exit from the menus at any time

Press MENU.



For detailed information on using the remote control to modify menu settings, refer to "Learning Menu Selection" on page 31.

To select the VIDEO 🔔 menu:



MODE

Customized picture viewing

You can choose one of five different video modes that best suits the program you are watching. You can also adjust the picture quality (such as BRIGHTNESS, COLOR, etc.) for each MODE to suit your taste.

First select each MODE individually before adjusting the picture quality.

VIVID:

Select for enhanced picture contrast and sharpness.

STANDARD:

Select to display a standard picture for normal viewing environments.

MOVIE:

Select to display a finely detailed picture for low light environments.

GAME:

Select to display graphics such as a video game.

PRO (Professional):

Select to display a picture with minimum enhancements.

Press PICTURE MODE on the remote control for direct selection of a MODE setting.

PICTURE

--- Picture Adjustment

Adjust slider right (up) to increase picture contrast. Adjust slider left (down) to decrease picture contrast.

BRIGHTNESS

- Picture Adjustment

Adjust slider right (up) to brighten the picture. Adjust slider left (down) to darken the picture.

COLOR

— Picture Adjustment

Adjust slider right (up) to increase color intensity. Adjust slider left (down) to decrease color intensity.

HUE

--- Picture Adjustment

Adjust slider right (up) to increase the green tones. Adjust slider left (down) to increase the red tones.

SHARPNESS

--- Picture Adjustment

Adjust slider right (up) to sharpen the picture. Adjust slider left (down) to soften the picture.

TRINITONE

- White Intensity Adjustment

HIGH:

Select to give the white colors a blueish tint.

MEDIUM:

Select to give the white colors a neutral tint.

NTSC STD:

Select to give the white colors a reddish tint.

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NR

- Picture Noise Reduction

Select **ON** to reduce picture noise. Select **OFF** to cancel the feature.

NR can be set separately from the MODE settings of the VIDEO menu.

DYNAMIC PICTURE

— Black Intensity Adjustment

Select **ON** to emphasize the black level and to produce a bolder dynamic picture.

Select OFF to cancel the feature.

To restore the factory settings

Press RESET on the remote control while the VIDEO menu is selected. To restore each MODE to the factory setting, press RESET after selecting the mode to be reset.

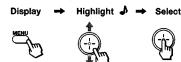
NR is not reset to the factory setting even if you press RESET.

J Using the AUDIO Menu



For detailed information on using the remote control to modify menu settings, refer to "Learning Menu Selection" on page 31.

To select the AUDIO J menu:



TREBLE — Sound Adjustment

Adjust slider right (up) to increase high pitched sounds.

Adjust slider left (down) to decrease high pitched sounds.

BASS

--- Sound Adjustment

Adjust slider right (up) to increase low pitched sounds.

Adjust slider left (down) to decrease low pitched sounds.

BALANCE

- Sound Adjustment

Adjust slider right (up) to emphasize right speaker

Adjust slider left (down) to emphasize left speaker volume.

MTS

Enjoy stereo, bilingual and mono programs

STEREO

Select for stereo reception when viewing a program broadcast in stereo.

SAP:

Select to listen to a bilingual broadcast. (non-SAP programs will be muted when this feature is selected)

MONO:

Select for mono reception. (use to reduce noise during stereo broadcasts)

Quick MTS access:

Press MTS on your remote control to cycle through the MTS options as follows: (STEREO → SAP → MONO → STEREO)

(continued)

Adjusting Your SET UP (menus)

- Custom selection of audio output source

ALL ON:

Select to listen to the sound from the projection TV speakers alone.

L/R OFF:

Select to turn off the projection TV left and right speakers and listen to the left and right channel sounds through a separate audio system's speakers.

ALL OFF:

Select to turn off the projection TV speakers and listen to the projection TV's sound only through an external audio system's speakers.

CENTER IN:

Select to use the projection TV center speaker as center speaker when you connect an amplifier with a Dolby Pro Logic decoder. (see "Connecting an Amplifier That Supports Dolby Pro Logic Decoder" on page 19)

SURROUND

— Customizes surround sound effects based on the program's audio type

SURROUND can only be set when SPEAKER is set to ALL ON or L/R OFF.

DD PRO LOGIC:

Produces superb theater-like surround effects. Most effective for programs encoded in Dolby surround.

DO 3 STEREO:

Produces a dynamic three dimensional sound without using the rear speakers. The sound of the rear channel is output from the front speakers.

SIMULATED:

Adds a surround-like effect to mono programs.

LIVE:

Produces surround effects with the atmosphere of a concert hall.

GAME:

Produces maximum audio impact. Most effective for video games.

OFF:

Normal stereo or mono reception.

SURROUND LEVEL

 Speaker volume adjustment for surround modes

After selecting one of the surround modes, adjust the volume of each speaker so that the sound will be even and natural. (See "Adjusting the Speaker Volume for Customized Surround Mode" on the right column.)

To restore the factory settings

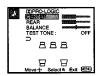
Press RESET on the remote control while the AUDIO menu is selected.

Adjusting the Speaker Volume for Customized Surround Mode

After you set SURROUND to one of the modes, adjust the volume of the front, center and rear speakers to the same level so that the projection TV's sound will be even and natural. For DIPRO LOGIC and DIS STEREO, adjust the speaker volume using the test tone feature.

Adjusting the speaker volume

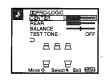
 Select SURROUND LEVEL from the AUDIO menu. (see pages 33 and 34)



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2 Move the joystick up or down to select the speaker for volume adjustment and press (4).





CENTER: Select to adjust the level of the center speaker. (not available for SIMULATED)

REAR: Select to adjust the level of the rear speakers. (not available for DD3 STEREO)

BALANCE: Select to adjust the balance between the right and left speakers.

- 3 Move the joystick up, down, left or right to adjust the volume level and press (+).
- 4 Use the joystick to select other speakers and to adjust the volume levels.

Adjusting the speaker volume using the test tone

The TEST TONE feature makes it easier to adjust the volume level. You can use this feature for DIPRO LOGIC and DIPS STEREO modes only.

1 With the SURROUND LEVEL window open, move the joystick up or down to select TEST TONE and press (+).





2 Move the joystick up or down to select ON.
A test tone will be output from each speaker in sequence:

Front left \rightarrow Center \rightarrow Front right \rightarrow Rear

To turn off the test tone, select OFF.

Follow steps 2 through 4 in "Adjusting the speaker volume."

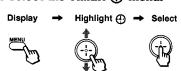
Using the TIMERMenu



After setting the clock you can use the timer to turn the projection TV on and off.

For detailed information on using the remote control to modify menu settings, refer to "Learning Menu Selection" on page 31.

To select the TIMER (1) menu:



Tip 🗘

Set daylight saving time before setting the clock. Any loss of power will cause these settings to be erased.

(continued)

Select YES to compensate for Daylight Saving Time in spring. The current time automatically moves ahead one hour.

Select NO at the end of Daylight Saving Time in fall. The current time moves back one hour.

CURRENT TIME Necessary for the TIMER.

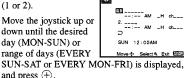
- 1 Press (+), then move the joystick up or down until the current day (MON-SUN) is displayed, and press (+)
- 2 Move the joystick up or down until the current hour (01-12) and AM/ PM is displayed, and press 🕀.
- 3 Move the joystick up or down until the current minute (00-59) is displayed, and press .

The Clock has now started. Press MENU to exit.

ON/OFF TIMER

Wake up or scheduled viewing.

- 1 Select the desired timer (1 or 2).
- 2 Move the joystick up or down until the desired day (MON-SUN) or range of days (EVERY and press (+).



- 3 Move the joystick up or down until the time (hours and minutes) that you want the projection TV to remain on is displayed, and then press (4).
- Move the joystick up or down to set the time duration (maximum of 6 hours) and press 🕁.
- Move the joystick up or down to select the desired channel and press (+).

The timer is now set. The TIMER/STAND BY indicator on your projection TV will be lit.

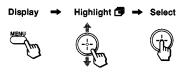
Press MENU to exit. To cancel your timer setting, select timer 1 or 2 and press RESET while in the ON/OFF TIMER window. Performing AUTO PROGRAM will erase all TIMER settings.

Using the CHANNEL **SET UP Menu**



For detailed information on using the remote control to modify menu settings, refer to "Learning Menu Selection" on page 31.

To select the CHANNEL SET UP 📵 menu:



CHANNEL SKIP Skips unnecessary channels

After AUTO SET UP, you can erase unnecessary TV channels from the channel preset memory.

With the CHANNEL SKIP window open:



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- 1 Move the joystick up or down to select the desired channel. You can view the channel that is selected with the CHANNEL SKIP menu in the center sub screen. You can also use CH +/or 0-9 and ENTER buttons.
- 2 Press (+).
- 3 Move the joystick up or down to select YES, and press +

The selected channel will be erased.

If you want to re-enter the skipped channel, follow the steps above and select NO.

CHANNEL CAPTION

 Easy recognition of the channel you are watching

You can add a caption for up to 32 channels of both VHF/UHF and AUX inputs



With the CHANNEL CAPTION window open:

- 1 Press (+) and then move the joystick up or down to select the desired channel. You can view the channel that is selected with the CHANNEL CAPTION menu in the center sub screen.
- 2 Press (+).
- 3 Move the joystick up or down to display the first letter or number of the caption and press (+) to select it.
- 4 Repeat until up to four digits are selected.
- 5 Press 🕀.

To erase a caption, press RESET.

CABLE

Cable system setting

Select ON if your projection TV is connected to a cable system.

Select OFF if your projection TV is connected to an antenna.

AUTO SET UP will set CABLE to OFF automatically if a cable channel is not available.

AUTO PROGRAM

Automatic channel presetting

Select YES to signal the projection TV to automatically program all receivable TV channels. When all the receivable channels are stored, the lowest numbered channel is displayed.

Select NO to cancel AUTO PROGRAM.

FAVORITE CHANNEL

User's favorite channels

The FAVORITE CHANNEL feature enables easy access to the eight channels that you preset (or the last channel that you were watching). (for details on how to set up this feature, see "Setting and Selecting FAVORITE CHANNEL" on page 38)

CHANNEL FIX

Locks selection of your projection TV's input when used in conjunction with external equipment such as a cable box, AV receiver, etc.

2-6:

When the cable box is connected to the VHF/UHF input, you can fix the TV's input to one of the channels between 2 and 6. Press DBS/CABLE (FUNCTION) and then CH +/- to change the cable box channels.

ALIX 2-6.

Use this when a cable box is connected to AUX. and a cable or antenna is connected to VHF/UHF.

VIDEO 1:

Use this when you have connected external video equipment (e.g. AV receiver) and you want the projection TV's input fixed to it.

When you want to switch CHANNEL FIX off.

If the projection TV is in the AUX mode when you turn CHANNEL FIX off, press ANT to return to UHF input mode.

TIMER settings are erased when CHANNEL FIX is set. (If 2-6 or AUX2-6 is selected, timer settings for those channels are not erased)

· You cannot change channels with the TV's tuner when you set CHANNEL FIX. If you want to use the TV's tuner while fixing the TV's input to VIDEO 1, use the SET UP menu to set SELECT OUT to TV OUT. (see "SELECT OUT" on page 40)

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Adjusting

Your SET UP (menus)

The FAVORITE CHANNEL feature of your projection TV enables easy access to the eight channels that you preset (or the last channel that you were watching).

Your FAVORITE CHANNEL options can be set automatically or manually.

The factory setting for FAVORITE CHANNEL is AUTO.

When FAVORITE CHANNEL is set to AUTO, the last eight channels selected with the 0–9 buttons will be set as FAVORITE CHANNEL options. If you want to input your own selections as FAVORITE CHANNEL settings, set to MANUAL.

Setting FAVORITE CHANNEL manually

Select FAVORITE CHANNEL from the CHANNEL SET UP menu. (see pages 36 and 37)



2 Move the joystick up or down to select MANUAL and press \oplus .

The FAVORITE CHANNEL menu will appear. If you set CHANNEL CAPTION names (e.g. CNN, HBO), they will also be displayed. (see "CHANNEL CAPTION" on page 37)





3 Move the joystick up or down to select a position (1-8), and press \oplus .





4 Move the joystick up or down to select a channel.

You have now selected a favorite channel.





- **5** Press \oplus and use the joystick to program other favorite channels. (Follow steps 3 and 4.)
- 6 Press MENU when you have finished.
 Your favorite channels are now ready for use.

Resetting FAVORITE CHANNEL choices

You have the option of returning to the FAVORITE CHANNEL screen to adjust any of your favorite channel choices.

Simply proceed as described in "Setting FAVORITE CHANNEL manually" (skip step 2 if MANUAL is already selected).

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When you reach step 3, select the position you want to change and press \oplus . Press RESET to clear the channel for that position.



Move the joystick up or down to select a new channel.

Press MENU when you are done.

Note:

 The FAVORITE CHANNEL feature is not available for the picture input from AUX or VIDEO 5 (DTV) IN.

Using FAVORITE CHANNEL

You can use the FAVORITE CHANNEL feature to directly select the channel you want to watch.

1 Press 🕀 once.

The favorite channel menu and a window picture will be superimposed over the current

channel. The window picture displays the channel selected from the menu.





2 Move the joystick up or down to select the channel that you wish to view from the menu.

The picture of the selected channel will be displayed in the window picture.





3 Press \oplus to select the channel.

The selected channel will be displayed for normal viewing.





To cancel the favorite channel menu before selecting a channel, move the joystick up or down to select EXIT at the bottom of the menu and press \oplus .

Using the SET UP Menu



For detailed information on using the remote control to modify menu settings, refer to "Learning Menu Selection" on page 31.

To select the SET UP 🖨 menu:

Display → Highlight → Select







PARENTAL CONTROL — Blocks programs unsuitable for children

Allows you to block TV programs that you feel are

Allows you to block TV programs that you feel are unsuitable for your children. (see "Using the PARENTAL CONTROL Feature" on page 42 for details)

(continued)

- Television closed caption display

Some programs are broadcast with Caption Vision.

To display Caption Vision, select CC 1, CC 2, CC 3, CC 4, TEXT1,



TEXT2, **TEXT3** or **TEXT4** from the menu. Then press the CC button until Caption Vision is displayed.

CC 1, CC 2, CC 3 or CC 4 displays a printed version of the dialogue or sound effects of a program. (The mode should be set to CC 1 for most programs.) TEXT1, TEXT2, TEXT3 or TEXT4 displays network/station information presented using either half or the whole screen.

Notes:

- Poor reception of TV programs can cause errors in Caption Vision and XDS.
 Captions may appear with a white box or other errors instead of the intended text.
- XDS, Caption Vision, and the status display cannot be used at the same time.

SELECT OUT

— Output signal selection from SELECT OUT

You can select the desired output signal from the SELECT OUT jacks at the rear of the projection TV.



Note:

 SELECT OUT setting is not available for the inputs from VIDEO 5 (DTV) IN.

MONITOR

Select to edit tapes while monitoring. SELECT OUT outputs the picture displayed on the screen.

VIDEO1-VIDEO4:

Select to edit tapes while viewing an input image different from that being recorded. SELECT OUT outputs the signal input to the projection TV regardless of the displayed picture on the screen.

TV OUT

Select if you connect an AV receiver to VIDEO 1 IN. SELECT OUT outputs the signal that the TV is tuned to, regardless of the displayed picture. (see "Connecting an AV Receiver" on page 17 for connection)

If you select **TV OUT**, the following pop-up menu appears.

Select **YES** only if you have connected an AV receiver, with no other equipment, to your projection TV. You can always select the signal from the receiver by pressing TV/VIDEO once.



Select **NO** if you have connected multiple components to your projection TV. You can select an input (VIDEO1 – VIDEO4) with the TV/VIDEO button.

Notes:

- When you set SELECT OUT to TV OUT, you cannot swap the main/right and window/left nictures.
- The SELECT OUT signal is only available when the projection TV is on.

LANGUAGE

— User's preferred language

Select from available languages (ENGLISH, ESPAÑOL or FRANÇAIS) to display all menus in your language of choice.

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VIDEO LABEL

- Easy recognition of connected equipment (e.g. DBS, VHS, etc.).

This feature allows you to label each input mode so that you can easily identify the connected equipment (e.g. you can label VIDEO 1 IN as VHS).



With the VIDEO LABEL window open:

1 Move the joystick up or down to select the input mode you want to label and press \oplus .



2 Move the joystick up or down to select the label and press ①.

VIDEO LABEL Options:

VIDEO 1: VIDEO 1, VHS, 8mm, BETA, LD, DBS, DVD, AV RECEIVER, SKIP

VIDEO 2-4: VIDEO 2-4, VHS, 8mm, BETA, LD, DBS, DVD, SKIP

VIDEO 5: VIDEO 5, DTV, DVD, SKIP

If you select SKIP, your projection TV will skip this connection when you scan through video sources using the TV/VIDEO button.

DIRECT PLAY

Easy operation of a connected VCR

This feature allows you to switch the input mode from the TV to a Sony VCR (MDP or DVD) and start playing by only pressing the ▶ (playback) button



on the remote control. You have to set the VTR 1/2/3/DVD/MDP switch on the remote control (e.g., you connect your VCR to the VIDEO 3 IN jacks and set the VTR 1/2/3/DVD/MDP switch to VTR 3). With the DIRECT PLAY window open:

1 Move the joystick up or down to select the input to which your video equipment is connected, and press
.



2 Move the joystick up or down to select the position of the VTR 1/2/3/DVD/MDP switch, and press ①.

Note

 DIRECT PLAY setting is not available for the inputs from VIDEO 5 (DTV) IN.

FREEZE MODE

- Freeze picture mode

Useful when you need to copy down information that appears on the TV's screen.

Note:

• The FREEZE MODE feature is not available for the inputs from VIDEO 5 (DTV) IN jacks.

NORMAL:

Select to freeze the whole picture on the screen by pressing FREEZE.



The current picture freezes.

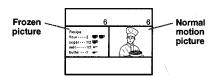
TWIN:

Select to freeze the desired scene and display it on the left of the screen while viewing the normal picture of the current channel on the right by pressing FREEZE.

(continued)

Adjusting Your SET UP (menus)

This mode is not available for PIP, P&P or CH INDEX screens.



Press FREEZE again or press OFF to display the normal picture.

DTV INPUT

— input signal selection from the DTV receiver

Select **R.G.B** when you connect a DTV receiver to the G/B/R/HD/VD jacks of VIDEO 5 (DTV) IN on the rear of the projection TV. Select **Y PB PR** when you connect a DTV receiver to the Y/P_B/P_R jacks of VIDEO 5 (DTV) IN.

ASPECT RATIO

— Wide picture mode for digital TV

The feature allows you to display a compressed 4:3 picture in 16:9 aspect ratio with higher-density (available for 480p and 480i formats only). (see page 25)

Normally, set to **4:3**. Select **16:9** if the picture of DTV 480p or 480i format appears stretched vertically.

Using the PARENTAL CONTROL Feature

The TV programs and movies shown on TV are given a rating signal based on the following rating systems.

In U.S.A.: U.S. Television Parental Guidelines to rate television programs (U.S. TV ratings), and Motion Picture Association of America (MPAA) Guidelines to rate movies including those shown on TV (movie ratings)

In Canada: Canadian English Language ratings to rate television programs in English, and Canadian French Language ratings to rate those in French.

To block programs you feel are unsuitable for your children, you need to set the TV for the desired rating systems. Sony's predetermined ratings are also available. See pages 49 to 51 for a description of the ratings.

The Parental Control feature of the TV functions by receiving the rating signal from your local broadcasting station or cable service provider

Note:

• The PARENTAL CONTROL feature is not available for the inputs from VIDEO 5 (DTV) IN.

Activating the PARENTAL CONTROL feature

First, set a password, then select your desired rating from Sony's predetermined ratings.

Select PARENTAL CONTROL from the SET UP menu. (see page 39)



2 Enter a four digit password* using the 0-9 buttons.



- * Do not enter "4357" corresponding to "HELP" on a phone number pad. (see page 48)
- 3 To confirm the password, re-enter the same password with the 0-9 buttons.

Your password is stored and the PARENTAL CONTROL menu automatically appears.

If you want to change the password, see page 48.



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Make sure that COUNTRY is highlighted, and press \(\oplus\).



5 Move the joystick up or down to select your country (U.S.A. or CANADA), and press \oplus .



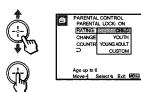
6 Move the joystick up or down to select PARENTAL LOCK, and press .



7 Move the joystick up or down to select ON, and press ①.



Move the joystick up or down to select RATING, and press \oplus .



If you want to select the ratings from "CUSTOM," go to step 4 of "Selecting a Custom Rating in U.S.A." on page 44 or "Selecting a Custom Rating in Canada" on page 47, according to your COUNTRY setting.

10 Press MENU to exit the menu.

To deactivate the PARENTAL CONTROL feature

If you set PARENTAL LOCK in the PARENTAL CONTROL menu to OFF, the PARENTAL CONTROL feature will be canceled and you can view all TV programs and movies shown on TV.

1 Select PARENTAL CONTROL from the SET UP menu. (see page 39)



2 Enter your four digit password using the 0-9 buttons.

The PARENTAL CONTROL menu appears.



(continued)

Adjusting Your SET UP (menus)

Move the joystick up or down to select PARENTAL LOCK, and press .



4 Move the joystick up or down to select OFF, and press (♣).



5 Press MENU to exit the menu.

To unlock the PARENTAL CONTROL feature temporarily

When you select a PARENTAL CONTROL program, no sound or picture except for a channel number will appear. The ☐ indicator is displayed. To view the program, follow the steps below.

- 1 Press ENTER to display the "Password" screen.
- 2 Enter your password using the 0-9 buttons. PARENTAL CONTROL will be canceled (PARENTAL LOCK set to OFF) until you turn your projection TV off.

Selecting a Custom Rating in U.S.A.

If you want to select the ratings to be blocked from CUSTOM once you have activated the PARENTAL CONTROL feature (page 42), follow the procedure below.

For a detailed description of each rating, see pages 49 and 50

Select PARENTAL CONTROL from the SET UP menu. (see page 39)



2 Enter your four digit password using the 0-9 buttons.

The PARENTAL CONTROL menu appears. Make sure that COUNTRY is set to U.S.A.



3 Move the joystick up or down to select RATING, and press .



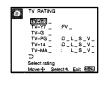


Move the joystick up or down to select CUSTOM, and press ⊕.

First, select a TV rating.

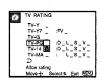
Move the joystick up or down to select TV RATING, and press .





6 Move the joystick up or down to select the TV rating to be blocked, and press ⊕.





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7 Move the joystick up or down to select ♠, and press ⊕.

The findicator automatically appears beside the selected rating and all "higher" ratings, indicating that the programs that match the ratings will be blocked.

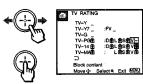




Some ratings have additional content ratings called "extenders." The extenders are defined as follows: D (sexually suggestive Dialog), FV (Fantasy Violence), L (coarse Language), S (Sexual situations) and V (Violence). By setting the extenders, you can define additional viewing limits. For more details of extenders, see page 50.

All of the extenders included in the selected ratings will be blocked. If you wish to allow any of them to be viewed, go to step 8.

Move the joystick left or right to select the extender to be viewed, and press (+).



9 Move the joystick up or down to select "-," and press (+).

"-" appears beside the selected extender, indicating that the programs that match the extender can be viewed.





10 Repeat steps 8 and 9 for other extenders.

All programs that match the ratings you select and higher, except for the extenders that were canceled, will be blocked.

11 After setting of the TV rating is complete, move the joystick up or down to select ⊃, and press ⊕.



Second, select a movie rating.

12 Move the joystick up or down to select MOVIE RATING, and press (+).





(continued)

Adjusting Your SET UP (menus,



MOVIE RATING
G PG - PG-13 - R-17-7 X T M-17-7 X M-17-

14 Move the joystick up or down to select **☆**, and press **⊕**.

The findicator automatically appears beside the selected rating and all "higher" ratings, indicating that the programs that match the ratings will be blocked.





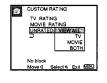
15 Press MENU to exit the menu.

To block TV programs and/or movies for which a rating signal is not given (NR and N/A)

For a description of the NR and N/A ratings, see page 49.

- 1 Perform steps 1–4 of "Selecting a Custom Rating in U.S.A." on page 44.
- 2 Move the joystick up or down to select UNRATED, and press ①.





3 Move the joystick up or down to select the type of programs to be blocked, and press \oplus .





To block	Select
No program (to view any unrated TV program and movie)	VIEW ALL
Unrated TV programs	TV
Unrated movies	MOVIE
Unrated TV programs and movies	вотн

4 Press MENU to exit the menu.

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Selecting a Custom Rating in Canada

If you want to select the ratings to be blocked from CUSTOM once you have activated the PARENTAL CONTROL feature (page 42), follow the procedure below.

For a detailed description of each rating, see "Ratings in Canada" on pages 50 and 51.

Select PARENTAL CONTROL from the SET UP menu. (see page 39)



2 Enter your four digit password using the 0-9 buttons.



The PARENTAL CONTROL menu appears. Make sure that COUNTRY is set to CANADA.

Move the joystick up or down to select RATING, and press \oplus .







Move the joystick up or down to select CUSTOM, and press \oplus .





Move the joystick up or down to select the rating you want to block, and press ⊕.

The selected rating appears.





Canadian French Rating U.S. TV Rating





6 Move the joystick up or down to select the TV rating to be blocked, and press \oplus .





(continued)

Adjusting Your SET UP (menus)

7 Move the joystick up or down to select ♠, and press ⊕.

The findicator automatically appears beside the selected rating and all "higher" ratings, indicating that the programs that match the ratings will be blocked.





Some U.S. TV ratings have additional content ratings called "extenders," such as D, FV, L, S and V. By setting the extenders, see steps 7 to 10 of "Selecting a Custom Rating in U.S.A." on pages 44 to 46. For more details of extenders, see page 50.

All of the extenders included in the selected ratings will be blocked. If you wish to allow any of them to be viewed, go to step 8 on page 45.

8 Press MENU to exit the menu.

Changing the Password

Select PARENTAL CONTROL from the SET UP menu. (see page 39)



2 Enter your four digit password using the 0-9 buttons.

The PARENTAL CONTROL menu appears.



Move the joystick up or down to select CHANGE PASSWORD, and press ⊕.





4 Enter a new four digit password using the 0-9 buttons



5 Enter the password set in step 4 again to confirm.

If you entered it incorrectly, "Password incorrect" appears.

Re-enter the correct password.

6 Press MENU to exit the menu.

if you have forgotten your password

In step 2 of "Changing the Password," enter the master password "4357" (corresponding to "HELP" on a phone number pad). You can then store a new password.

Notes:

- If you entered "4357" as your password the first time, you cannot store a new password. (see step 2 of "Activating the PARENTAL CONTROL feature" on page 42)
- When you select a PARENTAL CONTROL
 program and the indicator is displayed on the
 screen, you cannot view that program even if you
 enter "4357." (see "To unlock the PARENTAL
 CONTROL feature temporarily" on page 44)

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What the Ratings Mean

Rating in U.S.A.

Sony's predetermined ratings

These are original ratings that Sony predetermined according to the viewer's age. Each rating allows you to view the certain programs, as follows.

See the center column to page 50 for a description of TV and movie ratings.

CHILD:

Suitable for children under the age of 6. Viewable U.S. movie ratings: G, NR, and N/A Viewable U.S. TV ratings: TV-Y, TV-G, and TV-NR

YOUTH:

Suitable for children aged 7 and older. Viewable U.S. movie ratings: G, PG, NR, and N/A Viewable U.S. TV ratings: TV-Y, TV-Y7, TV-G, TV-PG, and TV-NR

YOUNG ADULT:

Suitable for children aged 13 and older. Viewable U.S. movie ratings: G, PG, PG-13, NR, and N/A

Viewable U.S. TV ratings: TV-Y, TV-Y7, TV-G, TV-PG, TV-14, and TV-NR

U.S. movie ratings

U.S. movie ratings are for movies (including those shown on TV) rated according to the Motion Picture Association of America (MPAA) Guidelines.

G (General Audiences—All Ages Admitted):

In G-rated films no strong words are used, the violence is at a minimum, nudity and sex scenes are not present, nor is there any drug use.

PG (Parental Guidance Suggested. Some Material May Not Be Suitable For Children):

This is a film which may need to be monitored first by parents.

PG-13 (Parents Strongly Cautioned. Some Material May Be Inappropriate For Children Under 13):

Parents are alerted to be very careful about the attendance of their under-teenage children when viewing.

R (Restricted, Under 17 Require Accompanying Parent Or Adult Guardian):

This film includes hard language, tough violence, nudity, drug abuse or other elements of concern.

NC-17 or X (No One 17 Or Under Admitted.):

This is a film that most parents would consider not suitable for children aged 17 and under. There may be violence, sex, abberrational behavior, drug abuse or other elements of concern.

NR (Not Rated):

This is a film that a producer has not rated, intending to have his film widely released.

N/A (Not Applicable):

This is a film that a producer considers outside the scope of the MPAA ratings.

Note:

 NR and N/A ratings are shown together as UNRATED in the menu.

U.S. TV ratings

U.S. TV ratings are for TV programs rated according to the U.S. Television Parental Guidelines.

TV-Y (All Children):

This program is designed for young children aged 2-6 and is appropriate for all children.

TV-Y7 (Directed to Older Children):

This program is designed for children aged 7 and above. Themes and elements in this program may include mild fantasy violence or slapstick violence, or may frighten children under the age of 7.

TV-G (General Audience):

Most parents would find this program suitable for all ages. It contains little or no violence, no strong language and little or no sexual dialog or situations.

TV-PG (Parental Guidance Suggested):

This program contains some material that parents may find unsuitable for younger children.

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TV-14 (Parents Strongly Cautioned):

This program contains some material that many parents would find unsuitable for children under the age of 14.

TV-MA (Mature Audience Only):

This program is specifically designed to be viewed by adults and therefore may be unsuitable for children under the age of 17.

TV-NR (Not Rated/Unrated):

This is a program broadcast without any rating, such as news, news flashes or sports.

Note:

The TV-NR rating is shown as UNRATED in the menu.

About the extenders of U.S. TV ratings

TV-Y7, TV-PG, TV-14 and TV-MA ratings have additional content ratings called "extenders" to define additional viewing limits. The extenders are defined as follows:

D (sexually suggestive Dialog):

Programs containing suggestive dialog, or sexual innuendo

FV (Fantasy Violence):

Programs containing cartoon violence occurring in TV-Y7 programs only

L (coarse Language):

Programs containing coarse language

S (Sexual situations):

Programs containing sexual content

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PG (Parental Guidance):

Programming intended for a general audience but which may not be suitable for younger children. Parents may consider some content inappropriate for unsupervised viewing by children aged 8 – 13.

14+ (Programming contains themes or content which may not be suitable for viewers under the age of 14):

Parents are strongly cautioned to exercise discretion in permitting viewing by pre-teens and early teens.

18+ (Adult):

May contain violence integral to the development of the plot, character or theme, intended for adult audiences. May contain graphic language and explicit portrayals of nudity and/or sex.

E (Exempt):

Exempt programming includes: news, sports documentaries and other information programming: talk shows, music videos, and variety programming.

Note:

• The E (Exempt) rating is not shown in the menu.

Canadian French Language ratings

The Canadian French Language Ratings are for TV programs in French broadcast in Canada.

G (General):

Programming intended for audience of all ages. Contains no violence, or the violence it contains is

V (Violence):

Programs containing violence

There may be some profanity, violence or brief nudity in these programs.

Ratings in Canada

Sony's predetermined ratings

These are original ratings that Sony predetermined according to the viewer's age. Each rating allows you to view the certain programs, as follows.

See the right column to page 51 for a description of each rating.

CHILD:

Suitable for children under the age of 7.

Viewable Canadian English Language ratings: C and G

Viewable Canadian French Language ratings: G Viewable U.S. TV ratings: TV-Y, TV-G, and TV-NR

YOUTH:

Suitable for children aged 8 and older.

Viewable Canadian English Language ratings: C, G, C8+ and PG

Viewable Canadian French Language ratings: G and 8 ans+

Viewable U.S. TV ratings: TV-Y, TV-Y7, TV-G, TV-PG, and TV-NR

minimal or is depicted appropriately with humor or caricature or in an unrealistic manner.

8 ans+ (8+ General - Not recommended for young children):

Programming intended for a broad audience but contains light or occasional violence that could disturb young children. Viewing with an adult is recommended for young children (under the age of 8).

13 ans+ (Programming may not suitable for children under the age of 13):

Viewing with an adult is strongly recommended for children under 13.

16 ans+ (Programming is not suitable for children under the age of 16):

Contains frequent scenes of violence or intense violence.

18 ans+ (Programming restricted to adults):

Contains constant violence or scenes of extreme violence.

E (Exempt):

Exempt programming.

Note:

• The E (Exempt) rating is not shown in the menu.

YOUNG ADULT:

Suitable for children aged 14 and older.

Viewable Canadian English Language ratings: C, G, C8+, PG and 14+

Viewable Canadian French Language ratings: G, 8 ans+, 13 ans+

Viewable U.S. TV ratings: TV-Y, TV-Y7, TV-G, TV-PG, TV-14, and TV-NR

Canadian English Language ratings

The Canadian English Language Ratings are for TV programs in English broadcast in Canada.

C (Programming intended for children under age 8):

There will be no realistic scenes of violence or no offensive language, nudity or sexual content. Careful attention is paid to themes, which could threaten children's sense of security and wellbeing.

C8+ (Programming generally considered acceptable for children 8 years and over to watch on their own):

Violence will not be portrayed as the preferred, acceptable, or only way to resolve conflict; or encourage children to imitate dangerous acts which they may see on television. There will be no profanity, nudity or sexual content.

G (General Audience):

Will contain very little violence, either physical or verbal or emotional. There may by some inoffensive slang, no profanity and no nudity.

Additional Operations

Operating Video Equipment

Setting the Manufacturer's Code

You can use the supplied remote control to operate Sony or non-Sony video equipment that has an infrared sensor.

 Set the VTR 1/2/3/DVD/MDP switch to the input through which you would like to access your video equipment.

The following Sony equipment is preset to each input as shown below:

 VTR1 (303)
 Beta, ED Beta VCRs

 VTR2 (302)
 8 mm VCR

 VTR3 (301)
 VHS VCR

 DVD/MDP (751)
 DVD Player

Press CODE SET, DVD/VTR (FUNCTION), and the 0-9 buttons to enter the manufacturer's code number (see the following chart), then press ENTER.

For example, to operate a Sony 8mm VCR:



If the remote control doesn't work

· See the tips on page 54.

VCR manufacturer code numbers

Manufacturer	Code
Sony	301, 302, 303
Aiwa	338
Admiral (M. Ward)	327
Audio Dynamic	314, 337
Bell & Howell (M. Ward)	330, 343
Broksonic	319, 317
Canon	309, 308
Citizen	332
Craig	315, 302, 332
Criterion	315
Curtis Mathis	304, 338, 309
Daewoo	341, 312, 309
DBX	314, 336, 337
Dimensia	304
Emerson	319, 320, 316, 317, 318, 341
Fisher	330, 334, 335, 333
Funai	338
General Electric	329, 304, 309
Go Video	340, 339, 322
Goldstar	332
Hitachi	306, 304, 305, 338
Instant Replay	309, 308
JC Penney	309, 305, 304, 330, 314, 336, 337
JVC	314, 336, 337
Kenwood	314, 336, 332, 337
LXI (Sears)	332, 305, 333, 334, 330, 335, 338
Magnavox	308, 309, 310
Marantz	314, 336, 337
Marta	332
Memorex	309, 335
Minolta	305, 304

Mitsubishi/MGA	323, 324, 325, 326
Multitech	325, 338, 321
NEC	314, 336, 337
Olympic	309, 308
Optimus	327
Panasonic	308, 309, 306, 307
Pentax	305, 304
Philco	308, 309
Philips	308, 309, 310
Pioneer	308
Quasar	308, 309, 306
RCA/PROSCAN	304, 305, 308, 309, 311, 329, 312, 313, 310
Realistic	309, 330, 328, 335, 324, 338
Sansui	314
Singer	315
Samsung	322, 313, 321
Sanyo	330, 335
Scott	312, 313, 321, 335, 323, 324, 325, 326
Sharp	327, 328
Shintom	315
Signature 2000 (M. Ward)	338, 327
Sylvania	308, 309, 338, 310
Symphonic	338
SV2000	338
Tashiro	332
Tatung	314, 336, 337
Teac	314, 336, 338, 337
Technics	309, 308
Teknica	342, 338
Toshiba	312, 311
Wards	327, 328, 335, 331, 332
XR-1000	315
Yamaha	330, 314, 336, 337
Zenith	221

MDP manufacturer code numbers

Manufacturer	Code	
Sony	701	
Panasonic	704	
Pioneer	702	

DVD Player manufacturer code numbers

Manufacturer	Code	
Sony	751	
Panasonic	753	
Pioneer	752	
RCA	755	
Toshiba	754	

Tips 🌣

- In some rare cases, you may not be able to operate your non-Sony video equipment with the supplied remote control. In this case, please use the equipment's own remote control.
- When you remove the batteries, the code number may revert to the factory setting.

Operating video equipment

- Set the VTR1/2/3/DVD/MDP switch to the input through which you would like to access your video equipment.
- 2 Press DVD/VTR (FUNCTION).
- 3 Use the VCR/DVD/MDP operation buttons indicated in the following tables.

Operating a VCR using the remote control

To turn On/Off	Press DVD/VTR (POWER). [Green Button]
To select a channel	Press the 0 – 9 buttons.
To change channels	Press CH +/
To record	Press (REC) while pressing (lower).
To play	Press .
To stop	Press ■.
To fast forward	Press ►►.
To rewind the tape	Press ◀◀.
To pause	Press II. Press again to resume normal playback.
To search the picture	Press ▶ or ◀ during playback.
forward or backward	Release to resume normal playback.
To change input mode	Press TV/VTR.

Operating an MDP using the remote control

To turn On/Off	Press DVD/VTR (POWER).
	[Green Button]
To play	Press ►.
To stop	Press ■.
To pause	Press II. Press again to resume normal playback.
To search the picture	Press ▶▶ or ◀◀ during playback.
forward or backward	Release to resume normal playback.
To search a chapter	Press CH +/
forward or backward	

Operating a DVD Player using the remote control

To turn On/Off	Press DVD/VTR (POWER). [Green Button]
To play	Press .
To stop	Press ■.
To pause	Press II. Press again to resume normal playback.
To step through different tracks of an audio disc	Press ▶ to step forward or ◀ to step backward.
To step through different chapters of a video disc	Press CH+ to step forward or CH- to step backward.
To display the Title menu	Press TITLE.
To display the DVD menu	Press DVD MENU.
To select tracks directly	Press 0-9 buttons.
To display the menu (Set up)	Press MENU.

Additional Operations

Setting the Manufacturer's Code

You can program the supplied remote control to operate a cable box or DBS receiver.

Press CODE SET, DBS/CABLE (FUNCTION), and the 0-9 buttons to enter the manufacturer's code number (see the following chart), then press ENTER.

For example, to operate a Sony DBS receiver:



Manufacturer code numbers (cable box)

Manufacturer	Code
Gemini	233
Hamlin/Regal	222, 223, 224, 225, 226
Jeπold/G. I.	201, 202, 203, 204, 205, 222, 206, 207, 208, 218
Macom	230, 231, 232
Magnavox	234
Oak	227, 228, 229
Panasonic	219, 220, 221
Philips	236, 237, 238, 239, 240, 241
Pioneer	214, 215
Samsung	235
Scientific Atlanta	209, 210, 211
Tocom	216, 217
Zenith	212, 213

Manufacturer code numbers (DBS receiver)

Manufacturer	Code number
Sony	801 (preset code for remote control)
General Electric	802
RCA/PROSCAN	802

Operating a cable box or DBS receiver

- 1 Press DBS/CABLE (POWER) [Green Button] to turn on/off the cable box or DBS receiver.
- 2 Press DBS/CABLE (FUNCTION).
- For other operations, refer to the operating instructions that come with the equipment. Blue-labeled buttons such as the GUIDE button can be used only with a DBS receiver.

If the remote control doesn't work

 Try repeating the set up procedures using the other codes listed for your equipment.

To operate the projection TV

Press TV (FUNCTION). Then use the projection TV control buttons to control the projection TV.

Tips Q

- If more than one code number is listed, try entering them one by one until you come to the correct code for your equipment.
- If you enter a new code number, the code number you previously entered at that setting is erased.
- In some rare cases, you may not be able to operate your equipment with the supplied remote control. In this case, use the equipment's own remote control unit
- Whenever you remove the batteries to replace them, for example — if too much time is taken, the code numbers may revert to the factory setting and must be reset.

Additional Information

Troubleshooting

If, after reading the following instructions, you have additional questions related to the use of your Sony projection TV, please call one of the following numbers (English only).

Customers in the continental United States contact the Direct Response Center at:

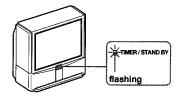
1-800-222-SONY (7669)

Customers in Canada contact the Customer Relations Center at:

(416) 499-SONY (7669)

The picture turns off and the TIMER/ STAND BY indicator on the front panel flashes (self-diagnosis function)

◆ The projection TV is equipped with a self-diagnosis function. If there is a problem with your projection TV, the TIMER/STAND BY indicator on the front panel will flash repeatedly. Counting the number of flashes helps you inform qualified Sony personnel of the projection TV's condition.



- 1 Count how many times the TIMER/STAND BY indicator flashes in total. It flashes twice at 3 seconds' intervals. If, for example, the indicator flashes twice, stops flashing for 3 seconds, and flashes twice again, that counts as twice.
- 2 Press POWER on the projection TV to turn it off, then inform qualified Sony personnel or the above Direct Response Center of the number of flashes

No picture (screen not lit), no sound

- Make sure the power cord is plugged in.
- Operate with the buttons on both the projection TV and the remote control.
- Check to see if the TV/VIDEO setting is correct: when watching TV, set to TV, and when watching video tapes, set to VIDEO 1, 2, 3, 4 or 5.
- → Try another channel. It could be station trouble.
- ◆ Perform AUTO SET UP again using the SET UP button to return to the factory preset condition. (see "To perform AUTO SET UP again" on page 22)
- The PARENTAL CONTROL feature is activated. (see "Using the PARENTAL CONTROL Feature" on page 42)

Remote control does not operate

- Batteries could be weak. Replace the batteries.
- Press TV (FUNCTION) when operating your projection TV.
- Make sure the projection TV's power cord is connected securely to the wall outlet.
- Locate the projection TV at least 3-4 feet away from fluorescent lights.
- Check the polarity of the batteries.

Dark, poor or no picture (screen lit), good sound

- Adjust PICTURE in the VIDEO menu. (see "PICTURE" on page 32)
- Adjust BRIGHTNESS in the VIDEO menu. (see "BRIGHTNESS" on page 32)
- → Check antenna/cable connections.
- Perform AUTO SET UP again using the SET UP button to return to the factory preset condition. (see "To perform AUTO SET UP again" on page 22)
- Adjust the convergence again using the FLASH FOCUS button. (see "Adjusting the Convergence Automatically (FLASH FOCUS)" on page 22)

Good picture, no sound

- → Press MUTING so that "MUTING" disappears from the screen. (see "MUTING" on page 23)
- ◆ Check the MTS setting in the AUDIO menu. (see "MTS" on page 33)
- Make sure SPEAKER is set to ALL ON or L/R OFF in the AUDIO menu. (see "SPEAKER" on page 34)
- Perform AUTO SET UP again using the SET UP button to return to the factory preset condition. (see "To perform AUTO SET UP again" on page 22).

(continued)

Cannot receive digital channels (when a DTV receiver is connected)

- ◆ Check the DTV INPUT setting in the SET UP menu. (see "DTV INPUT" on page 42)
- Check the connections between the DTV receiver and the projection TV. (see pages 9 and 10)
- Check your local listings to find out if you can receive digital broadcasts in your area.

Cannot receive upper channels (UHF) when using an antenna

- Make sure CABLE is OFF in the CHANNEL SET UP menu. (see "CABLE" on page 37)
- ◆ Use AUTO PROGRAM to add receivable channels that are not presently in the TV's memory. (see "AUTO PROGRAM" on page 37)

No color

- ◆ Adjust the COLOR in the VIDEO menu. (see "COLOR" on page 32)
- Black and white programs cannot be seen in color.
- Perform AUTO SET UP again using the SET UP button to return to the factory preset condition. (see "To perform AUTO SET UP again" on page 22)

Only snow and noise appear on the screen

- Check the CABLE setting in the CHANNEL SET UP menu. (see "CABLE" on page 37)
- Check the antenna/cable connections.
- Make sure the channel is broadcasting programs.
- Press ANT to change the input mode. (see "ANT" on page 23)

Dotted lines or stripes

- Adjust the antenna.
- Keep the projection TV away from noise sources such as cars, neon signs or hair-dryers.

TV is fixed to one channel

- Use AUTO PROGRAM to add receivable channels that are not presently in TV's memory. (see "AUTO PROGRAM" on page 37)
- ◆ Try turning CHANNEL FIX off. (see "CHANNEL FIX" on page 37)

Double Images or ghosts

 Use a highly directional outdoor antenna or a cable (when the problem is caused by reflections from nearby mountains or tall buildings).

Cannot operate the menu

- If the item you want to choose appears in gray, you cannot select it.
- Press the projection TV's power button off and on again.

Cannot receive any channels when using cable TV

- ◆ Check the connection with a cable box again. (see pages 6 and 8)
- → Make sure CABLE is ON in the CHANNEL SET UP menu. (see "CABLE" on page 37)
- ➤ Use AUTO PROGRAM to add receivable channels that are not presently in the TV's memory. (see "AUTO PROGRAM" on page 37)

Cannot gain enough volume when using a cable box

 Increase the volume at the cable box. Then press TV (FUNCTION) and adjust the projection TV's volume.

CHANNEL INDEX does not display all available channels

- → Make sure CABLE is ON in the CHANNEL SET UP menu. (see "CABLE" on page 37)
- Use AUTO PROGRAM to add receivable channels that are not presently in the TV's memory. (see "AUTO PROGRAM" on page 37)

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FAVORITE CHANNEL does not display your choices

 Verify that FAVORITE CHANNEL is set to MANUAL in the CHANNEL SET UP menu. (see "Setting FAVORITE CHANNEL manually" on page 38)

Some video sources do not appear when you press TV/VIDEO

◆ Ensure that VIDEO LABEL is not set to SKIP. (see "VIDEO LABEL" on page 41)

Recording through SELECT OUT does not function properly when recording in PIP or P&P mode

- SELECT OUT will not record both images in PIP or P&P. Only the main picture will be recorded.
- If you are recording the main picture and you switch to the sound of the sub picture using the AUDIO button, the main picture will be recorded with sound from the other program.

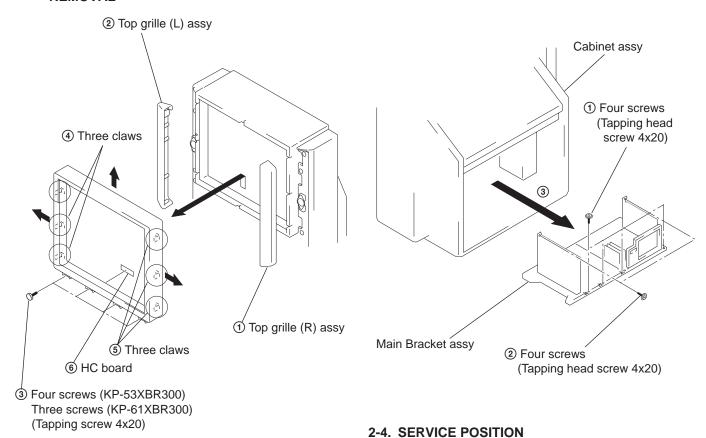
Cannot play shooting games

Some shooting games which involve pointing a light beam at the TV screen with an electronic gun or rifle cannot be used with this projection TV. For details, see the instruction manual supplied with the video game software. Additional Information

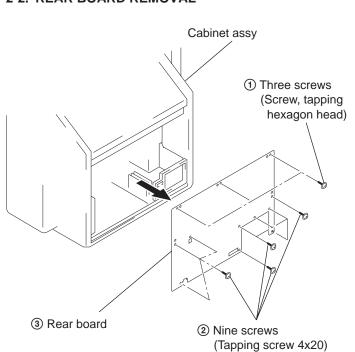
SECTION 2 DISASSEMBLY

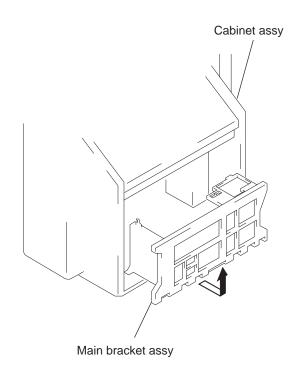
2-1. SCREEN FRAME ASSY AND HC BOARD REMOVAL

2-3. MAIN BRACKET REMOVAL



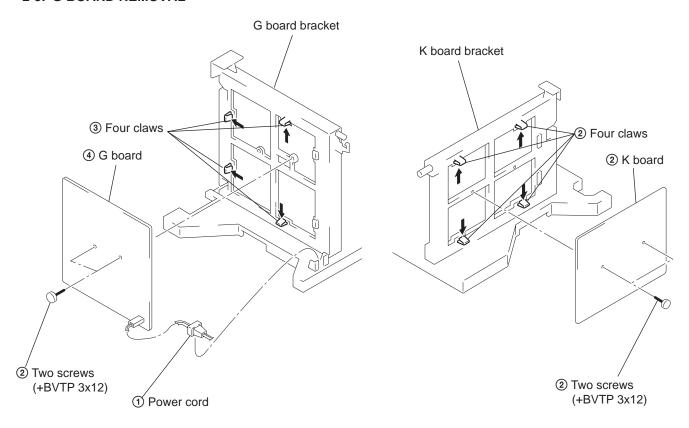
2-2. REAR BOARD REMOVAL





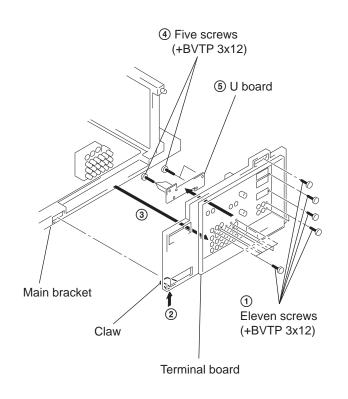
2-5. G BOARD REMOVAL

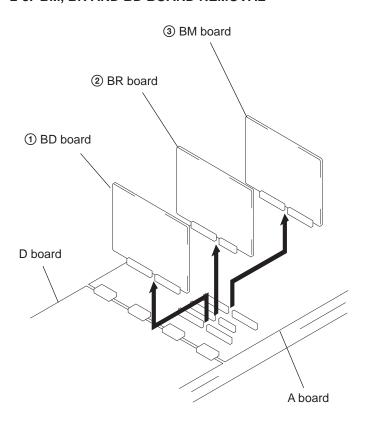
2-7. K BOARD REMOVAL



2-6. TERMINAL BOARD AND U BOARD REMOVAL

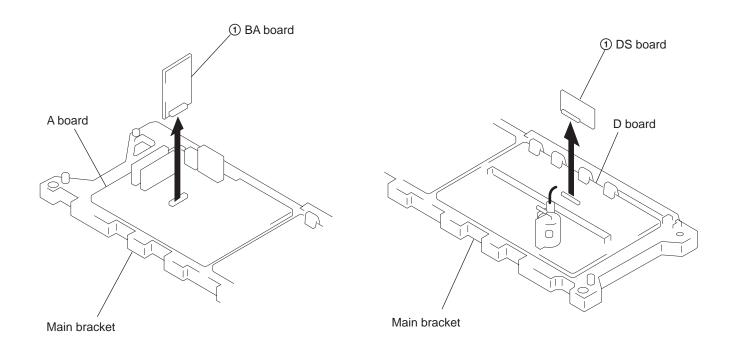
2-8. BM, BR AND BD BOARD REMOVAL



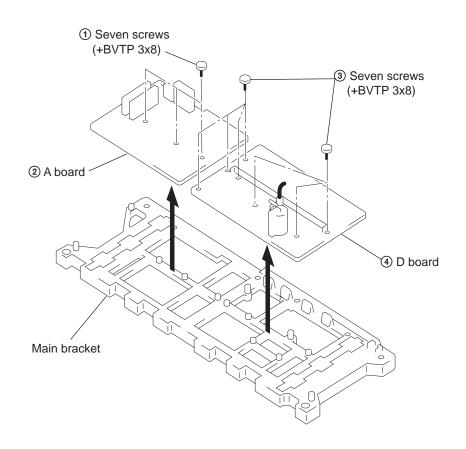


2-9. BA BOARD REMOVAL

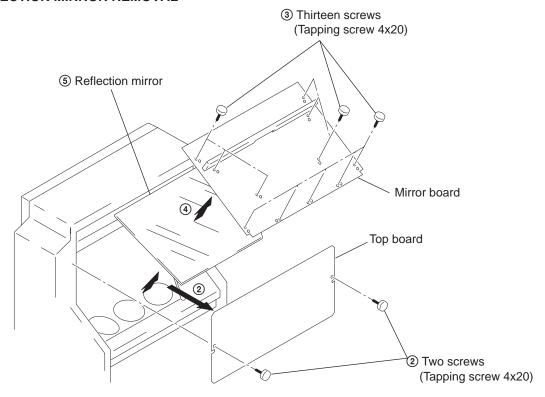
2-10. DS BOARD REMOVAL



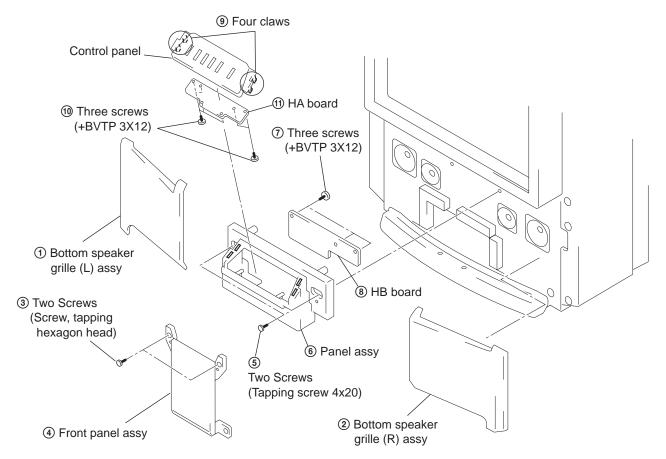
2-11. A AND D BOARD REMOVAL



2-12. REFLECTION MIRROR REMOVAL



2-13. HA AND HB BOARD REMOVAL

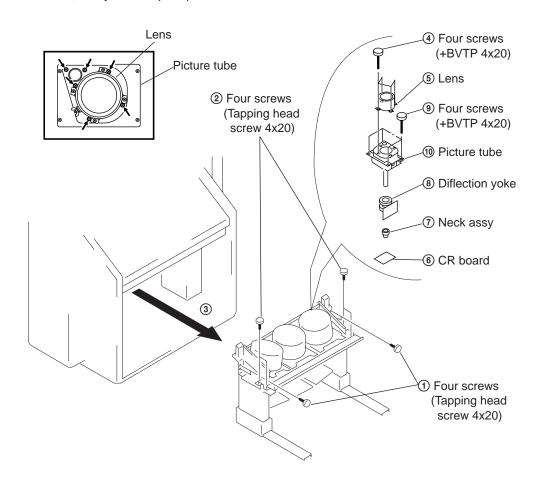


2-14. PICTURE TUBE REMOVAL

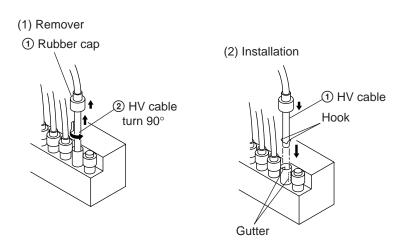
CAUTION: Removing the arrow-marked

screws is strictly prohibited.

If removed, it may cause liquid spill.



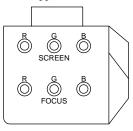
2-15. HIGH-VOLTAGE INSTALLATION AND REMOVAL



SECTION 3 SET-UP ADJUSTMENTS

3-1. SCREEN VOLTAGE ADJUSTMENT (ROUGH ALIGNMENT)

- 1. Receive the Monoscope signal.
- 2. Set 50% BRIGHTNESS and minimum PICTURE.
- 3. Turn the red VR on the FOCUS block all the way to the left and then gradually turn it to the right until the point where you can see the retrace line.
- 4. Next gradually turn it to the left to the position where the retrace line disappears.



FOCUS block Fig. 3-1

3-2. FOCUS LENS ADJUSTMENT

In this adjustment, use the remote commander in the service mode.

For details of the usage of the service mode and the remote commander, please refer the item 3-9. ELECTRICAL ADJUSTMENT BY REMOTE COMMANDER.

- 1. Loosen the lens screw.
- 2. Set to the service mode.
- 3. Receive the all-white signal.
- 4. Set MCP1 07 RON to "000", 08 GON to "001" and 09 BON to "000" to show only the green color.
- 5. Set to PJE, and press 6 to display the test signal (crosshatch)" on the screen.
- 6. Turn the green lens to adjust to the optimum focus point with the test signal.
- 7. Tighten the lens screw.
- 8. Set MCP1 07 RON to "001", 08 GON to "000" and 09 BON to "000" to show only the red color.
- Set to PJE, and press 6 to display the test signal (crosshatch)" on the screen.
- 10. Adjust red CRT lens just the same as green.
- 11. Set MCP1 07 RON to "000", 08 GON to "000" and 09 BON to "001" to show only the blue color.

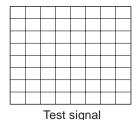


Fig. 3-2

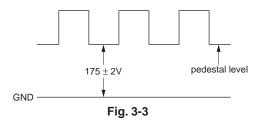
- 12. Set to PJE, and press 6 to display the test signal (crosshatch)" on the screen.
- 13. Adjust blue CRT lens just the same as green.

*: Every time you press 6, the test signal changes to "crosshatch+video signal" - "dots+video signal" - "crosshach(black)" - "dots(black)" - off.

Note: Instead of items 4, 8 and 11, you can use the lens caps to cut off the unnecessary color beams.

3-3. SCREEN (G2) ADJUSTMENT

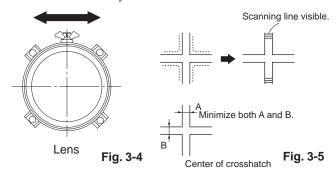
- 1. Select VIDEO1 mode without signals.
- 2. Connect an oscilloscope to the TP7103(KR), TP7203(KG) and TP7303(KB) of CR board, CG board and CB board.
- 3. Adjust R, G and B screen voltage to $175 \pm 2V$ with screen VR on the Focus block.



3-4. FOCUS VR ADJUSTMENT

- 1. Set to the service mode.
- 2. Receive the all-white signal.
- 3. Set MCP1 07 RON to "000", 08 GON to "001" and 09 BON to "000" to show only the green color.
- 4. Set to PJE, and press 6 to display the test signal (crosshatch) on the screen.
- 5. Turn the green VR on the focus block to adjust to the optimum focus point with the test signal.
- Set MCP1 07 RON to "001", 08 GON to "000" and 09 BON to "000" to show the red color.
- 7. Set to PJE, and press 6 to display the test signal (crosshatch) on the screen.
- 8. Turn the red VR on the focus block to adjust to the optimum focus point with the test signal.
- Set MCP1 07 RON to "000", 08 GON to "000" and 09 BON to "001" to show the blue color.
- 10. Set to PJE, and press 6 to display the test signal (crosshatch) on the screen.
- 11. Turn the blue VR on the focus block to adjust to the optimum focus point with the test signal.

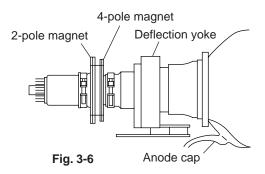
Note: Instead of items 3, 6 and 9, you can use the lens caps to cut off the unnecessary color beams.



3-5. DEFLECTION YOKE TILT ADJUSTMENT

- 1. Receive the Monoscope signal.
- 2. Set in service mode.
- 3. Set MCP1 07 GON to "001" 08 RON to "000" and 09 BON to "000" to show only the green color.
- Loosen the deflection yoke set screw and align the tilt of the Deflection Yoke so that the bars at the center of the monoscope pattern are horizontal.
- 5. After aligning the deflection yoke, fasten it securely to the funnel-shaped portion (neck) of the CRT.
- 6. The tilt of the deflection yoke for red is aligned in the mode MCP1 07 RON "001", 08 GON "000", 09 BON "000" on the service mode menu, and the tilt of the deflection yoke for blue is aligned with in the mode MCP1 07 RON "000", 08 GON "000", 09 BON "001" on the service menu, is aligned the same as was done for green.

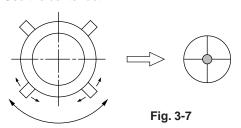
Note: Instead of item 3, you can use the lens caps to cut off the unnecessary color beams.



3-6. 2-POLE MAGNET ADJUSTMENT (GREEN,RED)

- 1. Receive the Dot signal.
- 2. Set in service mode.
- 3. Set MCP1 07 GON to "001" 08 RON to "000" and 09 BON to "000" to show only the green color.
- 4. Turn the green VR on the focus block to the right and set to overfocus to enlarge the spot.
- 5. Now align the 2-Pole Magnet so that the enlarged spot is in the center of the Just Focus spot.
- 6. Align the green focus VR and set for just (precise) focus.
- 7. Perform the same alignment for red.

Use the center dot



3-7. 4-POLE MAGNET ADJUSTMENT

- 1. Receive the Dot signal.
- 2. Set in service mode.
- 3. Set MCP1 07 GON to "001" 08 RON to "000" and 09 BON to "000" to show only the green color.
- 4. Turn the green VR on the focus block to the left and set to underfocus to enlarge the spot.
- 5. Now align the 4-Pole Magnet so that the enlarged spot becomes a perfect circle for green and red.
- 6. Perform the same alignment for blue.

Use the center dot

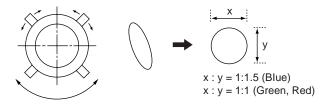


Fig. 3-8

3-8. DEFOCUS ADJUSTMENT (BLUE)

- 1. Select the video menu and set the mode to "VIVID" mode.
- 2. Set to the service mode.
- 3. Change TV mode to the video input mode.
- 4. Set to PJE, and press 6 to display the test signal (dots) on the screen.
- 5. Turn the blue VR on the focus block to adjust to the diameter of the dots as shown in the figure below.

[Focus adjustment point]

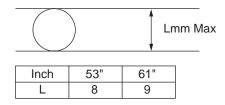


Fig. 3-9

3-9. ELECTRICAL ADJUSTMENT BY REMOTE COMMANDER

By using Remote Commander (RM-Y902), all circuit adjustments can be made.

NOTE: Test Equipment Required.

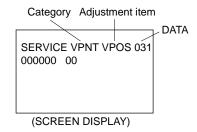
- 1. Pattern Generator (with component outputs)
- 2. Frequency counter
- 3. Digital multimeter
- 4. Audio oscillator

1. METHOD OF SETTING THE SERVICE ADJUSTMENT MODE

SERVICE MODE PROCEDURE

- 1. Standby mode. (Power off)
- DISPLAY → [5] → VOL (+) → TV POWER
 on the Remote Commander.
 (Press each button within a second.)

SERVICE MODE ADJUSTMENT



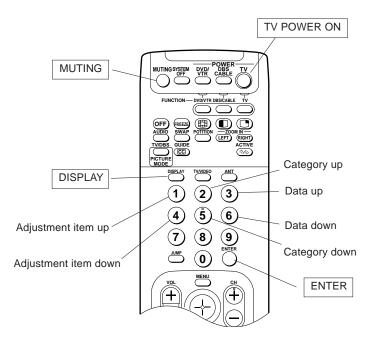
- 3. The SCREEN displays the item being adjusted.
- 4. Press 1 or 4 on the Remote Commander to select the adjustment item.
- 5. Press **3** or **6** on the Remote Commander to change the data.
- 6. Press 2 or 5 on the Remote Commander to select the category.
- 7. If you want to recover the latest values press ① then ENTER to read the memory.
- 8. Press MUTING then ENTER to write into memory.
- 9. Turn power off.

Note: Press **8** then **ENTER** on the Remote Commander to initialize or turn set off and on to exit.

2. MEMORY WRITE CONFIRMATION METHOD

- 1. After adjustment, remove the plug from AC outlet, and then replace the plug in AC outlet again.
- 2. Turn the power switch ON and set to Service Mode.
- 3. Call the adjusted items again and confirm they were adjusted.

3. ADJUST BUTTONS AND INDICATOR



RM-Y902

Note: In the PJE mode these are different a little. See page 47.

4. SERVICE MODE LIST

: Fixed data

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						1080I ()
Category		Item Adjustment Standard Data umber item data range	Standard data	Data	Note	Device
VDSP	00	VPOS	31	0–63	0–63 V SHIFT	CXD2018Q
	01	VANG	7	0-15	0–15 V ANGLE	
	02	VBOW	7	0-15	V BOW	
	03	VLIN	7	0-15	VLIN	
	90	ZISA	31 (10)	0-63	V SIZE	
	05	VSCO	7	0-15	S CORRECTION	
	90	HPOS	41	0-63	H SHIFT	
	07	HSIZ	31	69-0	H SIZE	
	80	HKEY	11	0-15	TILT	
	60	PAMP	15	0-63	PIN AMP	
	10	UPIN	7	0-15	UPPER CORNER PIN	
	11	LPIN	7	0-15	LOWER CORNER PIN	

MCP

Category	ltem number	Adjustment Standard item data	Standard data	Data	Note	Device
MCP 1	00	RDRV	31	0–63	R DRIVE	CXA2101AQ
	01	GDRV	31	0-63	G DRIVE	
	02	BDRV	31	0-63	B DRIVE	
	03	RCUT	31	0-63	R CUTOFF	
	04	GCUT	10	0-63	G CUTOFF	
	05	BCUT	31	0–63	B CUTOFF	
	90	PON	-	0,1	PICON	
	07	RON	_	0,1	RON	
	80	G ON	_	0,1	GON	
	60	BON	_	0,1	BON	
	10	PABL	15	0-15	PEAK ABL LEVEL	
	11	LTIL	0	0-3	LTI LEVEL	
	12	CIIL	0	0,1	CTI LEVEL	
	13	LIMT	2	0–3	INPUT LEVEL LIMIT	
	14	CB01	7	0-15	CB OFFSET 1	
	15	CR01	7	0-15	CR OFFSET 1	
	16	CB02	7	0-15	CB OFFSET 2	
	17	CR02	7	0-15	CR OFFSET 2	
	18	DCTR	_	0-3	DC TRAN	
	19	DPIC	_	0-3	D PIC	
	20	ABLT	3	0-3	ABL T/H (ACTIVE ON 16:9)	
	21	VTC	2	0–3	V SYNC SFP TC	
	22	CB03	7	0-15	CB OFFSET3	
	23	CR03	7	0-15	CR OFFSET3	

Device																																											
Note	SUB CONTRAST	SUB BRIGHTNESS	SUB HUE	SUB COLOR	SUB CONTRAST	SUB BRIGHTNESS	SUB HUE	SUB COLOR	SUB SHARPNESS	SHARPNESS f0	VM DELAY	SYSTEM	PRE/OVER RATIO	SUB SHARPNESS	SHARPNESS f0	VM DELAY	SYSTEM	PRE/OVER RATIO	SUB SHARPNESS	SHARPNESS f0	VM DELAY	SYSTEM	PRE/OVER RATIO	USER PICTURE(VIVID)	USER PICTURE(STANDARD)	USER PICTURE(MOVIE)	USER PICTURE(GAME)	USER PICTURE(PRO)	USER BRIGHTNESS(VIVID)	USER BRIGHTNESS(STANDARD)	USER BRIGHTNESS(MOVIE)	USER BRIGHTNESS(GANE)	USER BRIGHTNESS(PRO)	USER COLOR(VIVID)	USER COLOR(STANDARD)	USER COLOR(MOVIE)	USER COLOR(GAME)	USER COLOR(PRO)	USER SHARPNESS(VIVID)	USER SHARPNESS(STANDARD)	USER SHARPNESS(MOVIE)	USER SHARPNESS(GAME)	USER SHARPNESS(PRO)
Data	0-15	0-63	0-15	0-15	0-15	0-63	0-15	0-15	0–3	0–3	0–3	0–3	0–3	0-3	0-3	0-3	0–3	0–3	0–3	0–3	0–3	0–3	0–3	0-63	0-63	0-63	0-63	0-63	0-63	0-63	0-63	0-63	0-63	0-63	0-63	0-63	0-63	0-63	0-63	0-63	0-63	0-63	0-63
Standard data	5	31	7	12	3	31	7	5	3		С	2	2	ж	1	ю	2	1	3	2	ю	2	0	63	4	40	38	38	28	31	31	27	31	31	31	31	31	31	40	40	33	36	40
Adjustment Standard item data	SCON	SBRT	SHUE	SCOL	SCON	SBRT	SHUE	SCOL	SSHP	SHPF	VMDL	SYS	PREO	SSHP	SHPF	VMDL	SYS	PREO	SSHP	SHPF	VMDL	SYS	PREO	UPIC					UBRT					COL					USHP				
ltem number	00	01	02	03	00	01	02	03	00	01	02	03	40	00	01	02	03	40	00	01	02	03	40	00					01					02					03				
Category	MCP2	(DRC/480ip)			MCP3	(1080i)			MCP 4	(STANDARD)				MCP 5	(VIVID)				MCP6	(1080 - 480)				MCP 7																			

CXA2019AQ Device

SUB CONTRAST(TV)

0 - 15

SUB HUE(TV)

Note

Data

SUB COLOR(TV)
SUB CONTRAST(VIDEO)
SUB HUE(VIDEO)
SUB COLOR(VIDEO)

0-15 0-15 0-15 0-15

YDRIVE Y2 DRIVE U2 DRIVE

0–31 0–31 0–31

0–31

0-15 UPED 0-15 VPED 0-15 U2 PED 0-15 V2 PED 0,1 D PIC

DC TRAN

		0.	0	0	0	°	0	0	0	0	0	0	0	0	0	0		_			
	Standard	uata	9	9	9	9	9	9	3	31	15	15	7	7	7	7	-	0			
	Adjustment Standard	lielii	SCON	SHUE	SCOL	SCON	SHUE	SCOL	MYDR	Y2DR	U2DR	V2DR	MUPE	MVPE	U2PE	V2PE	DPIC	DCTR			
		numper	00	01	02	00	01	02	00	01	02	03	04	05	90	07	80	60			
SCD	Category		SCD 1	(TV)		SCD 2	(VIDEO)		SCD 3											3DCM	
		•																		,	
e]
Device																					
Note	USER TRINITONE(VIVID)	USER TRINITONE(STANDARD)	USER TRINITONE(MOVIE)	USER TRINITONE(GAME)	USER TRINITONE(PRO)	USER NR MODE(VIVID)	USER NR MODE(STANDARD)	USER NR MODE(MOVIE)	USER NR MODE(GAME)	USER NR MODE(PRO)	USER DYNAMIC PICTURE(VIVID)	USER DYNAMIC PICTURE(STANDARD)	USER DYNAMIC PICTURE (MOVIE)	USER DYNAMIC PICTURE(GAME)	USER DYNAMIC PICTURE(PRO)	USER VM LEVEL(VIVID)	USER VM LEVEL(STANDARD)	USER VM LEVEL(MOVIE)	USER VM LEVEL(GAME)	USER VM LEVEL(PRO)	
Data	0–3	0–3	0–3	0–3	0–3	0–3	0–3	0–3	0–3	0–3	0,1	0,1	0,1	0,1	0,1	0-3	0–3	0–3	0–3	0–3	
Standard	data 2		0	2	-	0	0	0	0	0	1	1	0	0	1	3	2	-	3	1	
Adjustment Standard Data	UTRI					UNR					UDPI					UVML					
Item	number 04					05					90					07					
gory																					

Category	Item number	Adjustment Standard item data	Standard data	Data range	Note	Device
3DCM 1	00	NRMD	0	0-3	NRMD	UPD64081
(YCS)	01	DYCO	2	0,1	DYCOR	
	02	DYGA	11	0-15	DYGAIN	
	03	DCCO	-	0,1	DCCOR	
	04	DCGA	12	0-15	DCGAIN	
	05	SELD	-	0,1	SELD	
	90	D2GA	4	1-0	D2GAIN	
3DCM 2	00	NRMD	3	0-3	NRMD	
(YCNR)	01	DYCO	2	0,1	DYCOR	
	02	DYGA	11	0-15	DYGAIN	
	03	DCCO	-	0,1	DCCOR	
	04	DCGA	12	0-15	DCGAIN	
	05	SELD	-	0,1	SELD	
	90	D2GA	4	0-7	D2GAIN	
3ДСМ 3	00	WSC	0	0-3	WSC	
(TV)	01	VTRH	-	0-3	VTRH	
	02	VTRR	-	0-3	VTRR	
	03	LDSR	c	0-3	LDSR	
	04	YPFT	3	0-3	YPFT(TV:NR OFF)	
	05	YPFG	12	0-15	YPFG(TV:NR OFF)	
	90	YPFC	0	0,1	YPFT CORING(TV:NR OFF)	

Device		D)										RD)	Ē	(E)	30)		<u> </u>					Device	CXA2019AQ	'							T											
Note	LISER TRINITONE(VIVID)	USER TRINITONE(STANDARD)	USER TRINITONE(MOVIE)	USER TRINITONE(GAME)	USER TRINITONE(PRO)	USER NR MODE(VIVID)	USER NR MODE(STANDARD)	USER NR MODE(MOVIE)	USER NR MODE(GAME)	USER NR MODE(PRO)	USER DYNAMIC PICTURE(VIVID)	USER DYNAMIC PICTURE(STANDARD)	USER DYNAMIC PICTURE(MOVIE)	USER DYNAMIC PICTURE(GAME)	USER DYNAMIC PICTURE(PRO)	USER VM LEVEL(VIVID)	USER VM LEVEL(STANDARD)	USER VM LEVEL(MOVIE)	USER VM LEVEL(GAME)	USER VM LEVEL(PRO)		Note	SUB CONTRAST	SUB HUE	SUB COLOR	SUB CONTRAST	SUB HUE	SUB COLOR	SUB CONTRAST	SUB COLOR	SUB CONTRAST	SUB HUE	SUB COLOR	YDRIVE	Y2 DRIVE	U2 DRIVE	V2 DRIVE	U PED	V PED	U2 PED	VZ FED	
Data	0-3	0-3	0–3	0–3	0–3	0-3	0–3	0–3	0–3	0–3	0.1	0.1	0.1	0,1	0,1	0-3	0–3	0–3	0–3	0–3		Data	0-15	0-15	0-15	0-15	0-15	0-15	0-15	21.7	0-15	0-15	0-15	0-31	0-31	0–31	0–31	0-15	0-15	0-15		,
Standard data	2	1	0	2	-1	0	0	0	0	0	-		0	0	1	3	2	-	c	1		Standard data	5	9	4	5	9	S	n o	0 1/1	3	7	7	3	31	15	15	7	7	١ /		
Adjustment Standard item data	ITTRI					UNR					IIDPI					UVML						Adjustment Standard item data	SCON	SHUE	SCOL	SCON	SHUE	SCOL	SCON	SCOL	SCON	SHUE	SCOL	MYDR	Y2DR	U2DR	V2DR	MUPE	MVPE	U2PE	V 2FE	
Item	70	,				05					90					07						Item number	90	01	02	00	01	02	3 3	20	00	01	02	00	01	02	03	40	05	90	ò	C
Category																					בם בם	Category	MCD 1	(DRC-TV)	,	MCD 2	(P&P-TV)		MCD 3	VIDEO)	MCD 4	(P&P-	VIDEO)	MCD 5								

Device 3DCM WSL THRESHOLD 3DCM WSL THRESHOLD 4DCM WSL THRESHOLD MCP SUB SHARPNESS MCP SUB SHARPNESS MCP SUB SHARPNESS MCP SUB SHARPNESS Note 3DCM YPFC 3DCM YPFG 4DCM YPFG 4DCM YPFC 3DCM YPFG 3DCM YPFT 3DCM YPFC 4DCM YPFT 4DCM YPFC 3DCM YPFT 4DCM YPFT MCP LTI MCP LTI MCP LTI 0,1 0-255 0-3 0-3 0-3 Data range 0-255 0,1 0-3 0,1 0-3 Adjustment Standard YPFG YPFC YPFG YPFC WSLT YPFG YPFC WSLT YPFG YPFT WSLT SSHP YPFT SSHP YPFT SSHP YPFT YPFC LTIL LTIL LTIL Item number Category SNNR2 SNNR3 SNNR4 SNNR1

OSD

		-	
Device	MB9091 &		
Note	0–255 OSD FREQ	0–255 H POSITION	0–255 V POSITION
Data range	0-255	0-255	0-255
Standard data	95	26	30
Adjustment Standard Data item data range	FREQ	HPOS	VPOS
ltem number	00	01	02
Category	OSD		

MCCD

	,	7 77 7
0-7 CRI & PARITY 0-3 CRITIME CONSTANT(MASK=1,0TP=2) 0-3 SYNC SI ICE BIAS 1	ω 4 - ω	CCDI 3 CRIP 4 CRIT 1 CSB1 3

VDSP

SNNR

Category	Item number	Adjustment Standard item data	Standard data	Data	Note	Device
3DCM 4	00	WSC	0	0–3	WSC	
(VIDEO)	01	VTRH		0-3	VTRH	
	02	VTRR	_	0-3	VTRR	
	03	LDSR	_	0-3	LDSR	
	04	YPFT	c	0-3	YPFT(VIDEO:NR OFF)	
	05	YPFG	12	0-15	YPFG(VIDEO:NR OFF)	
	90	YPFC	0	0,1	YPFT CORING(VIDEO:NR OFF)	
3DCM 5	00	MSS	0	0-3	MSS	
	01	YNKI	2	0-3	YNRK & YNRIV	
	02	YNRL	0	0-3	YNRLIM	
	03	CNKI	2	0-3	CNRK & CNRINV	
	04	CNRL	0	0-3	CNRLIM	
	05	V1PS	2	0-3	V1PS	
	90	VEGS	_	0-3	VEGS	
	07	CC3N	0	0,1	CC3N	
	80	HDP	4	0-7	HDP	
	60	CDL	3	0-7	CDL	
	10	HSST	12	0-15	HSSL	
	11	ASSL	3	0-15	VSSL	
	12	HPLF	_	0,1	HPLLFS	
	13	BPLF	_	0,1	BPLLFS	
	14	FSCF	0	0,1	FSCFG	
	15	EXAD	_	0,1	ADIN	
	16	WSLT	2	3	WSL THRESHHOLD	

Device

Note

Category Item Adjustment Standard Data number item data range	14 ADSW 1 0,1 A/BCH ADC 1	15 OSDH 25 0–63 OSD H POSIT	16 OSDV 7 0–63 OSD V POSITI	17 WCOL 2 0–3 WKCA/WKCB(A		OP	Maintenant Standard Data
Device							
Note	0-7 SYNC SLICE BIAS 2	0–255 CRI SIGNAL END POSITION	0–31 DATA START DELAY	0–31 CAPTION DATA THRESHOLD	P8 HMASK	P8 HS YNC	0–63 CCD H POSITION
Data	2-0	0-255	0–31	0-31	0-63	0-255	0–63
Standard data	4	142	∞	6	42	136	27
Adjustment Standard Data item data range	CSB2	CREP	CDSD	CCDS	CHMK	CHSY	CCDH

Category number

06 07 08 09 11 11

						O	
()	0–3 WKCA/WKCB(A/BCH WINDOW COLOR	0–3	2	WCOL	17		
	0–63 OSD V POSITION	0–63	7	OSDV	16		
	0–63 OSD H POSITION	0–63	25	OSDH	15		
	0,1 A/BCH ADC IN I/EAI(EAI=I)	0,1	_	ADSW	14		

	12	CCDH	27	0-63	12 CCDH 27 0–63 CCD H POSITION			Item	Adinstment	Standard	Data	
APLR							Categor	y number	Category number item data range	data	range	
	Item	Adjustment	Standard	Data			OP	00	AGCA	152	0-255	4
Category	number	Category number item data range	data	range	Note	Device		01	16:9	0	0,1	
	00	***************************************				1		02	DRCP	0	0,1	_
APLK	3	SVOL	0	cI-0	SUB VOLUME	IDA/321		03	1080	0	0	-
	01	ATTL	0	0-15	ATT LCH			3 5	TYCI	· c	1,5	_
	02	ATTR	0	0-15	ATT RCH			ŧ 8	IDAI	7 0	0-13	- -
	03	SBAS	7	0-15	SUB BASS			CO	VFI	0	C-0	-
	8	STRE	7	0-15	0–15 SUB TREBLE							

PJED

():1080I < > 16:9

MAIN U-COM

DRC INTERLACE/PROGRESSIVE

16:9 ON/OFF (ON = 1)

0-255 AGC ATT LEVEL

Note

FORCED 1080I(VIDEO5) INDEX CH SCAN TIME

PICTURE BOOSTER SETTING(VIVID)

Adjustmen item	FDIS	OSDH	OSDV	FVST	V1ST	VICII
Item number	00	01	02	03	04	0.5
Category number	PJED					
Device	TDA7321					
Note	0–15 SUB VOLUME	ATT CCH	ATT SCH	0–15 SUB BASS	0–15 SUB TREBLE	
Data	0-15	0-15	0-15	0-15	0-15	
Standard data	0	0	0	7	7	
Category Item Adjustment Standard Data item data range	SAOL	ATTC	ATTS	SBAS	STRE	
Item number	00	01	02	03	04	
Category	APCS					

APCS

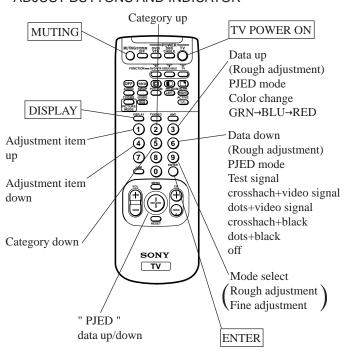
,															
	Device	CXD2079Q &	MID U-COM												
	Note	DELAY(Y OUTPUT DELAY)	YSDY(YS DELAY)	VJITTC(V JITTER MODE)	0–255 HPHASA(ACH H PHASE)	0–255 VPHASA(ACH V PHASE)	0-7 DELAYA(ACH Y DELAY)	0–255 HPOSIA(ACH H POSITION:NOT USE)	0–255 VPOSIA(ACH V POSITION:NOT USE)	0–255 HPHASB(BCH H PHASE)	0–255 VPHAHB(BCH V PHASE)	DELAYB(BCH Y DELAY)	HPOSIB(BCH H POSITION: PIP ONLY)	0–15 VPOSIB(BCH V POSITION:PIP ONLY)	0–15 BPDELAY(BP DELAY)
	Data range	2-0	7-0	0-3	0-255	0-255	2-0	0-255	0-255	0-255	0-255	2-0	0-15	0-15	0-15
	Standard data	3	1	0	43	11	4	87	49	43	11	4	4	9	0
	Adjustment Standard item data	DLYC	YSDY	VJTC	HPHA	VPHA	DLYA	HPOA	VPOA	HPHB	VPHB	DLYB	HPOB	VPOB	BPDY
	Item number	00	01	02	03	94	05	90	07	80	60	10	11	12	13
MID	Category	MID													

Category	Item number	Adjustment Standard item data	Standard data	Data	Note	Device
PJED	00	FDIS	00	0,1	FINE ADJUST DISPLAY ON(ON=1, OFF=0)	CM0006AF &
	01	HOSO	32	0-255	PJED OSD H POSITION	PJED U-COM
	02	OSDV	55	0-255	PJED OSD V POSITION	
	03	FVST	51(00)	0-255	FINE V START LINE	
	04	V1ST	00	0-255	V1 START	
	05	V1CU	31(29)	0-255	V1 COUNT UP	
	90	COHP	00(248)	0-255	COARSE H PHASE	
	07	FIHP	206(200)	0-255	FINE H PHASE	
	80	TPHP	49(55)<46>	0-255	TEST PATTERN H PHASE	
	60	DFHP	00	0-255	DF H PHASE	
	10	DFHG	95	-128-+127	DF H GAIN	
	11	DFVG	15	-128-+127	DF V GAIN	
	12	PWM1	00	0-255	PWM1	
	13	PWM2	29	0-255 PWM2	PWM2	
	14	HBLD	222(212)	0-255	HBLKOUT H DELAY	
	15	HBLW	00(10)<10>	0-63	HBLKOUT PULSE WIDTH	
	16	BLKP	44(75)<49>	0-255	V BLANKING PULSE	
	17	COGV	00	-127-+127	-127127 GV CENTER OFFSET OF AUTO REGI	
	18	CORV	00	-127-+127	127+127 RV CENTER OFFSET OF AUTO REGI	
	19	COBV	00	-127-+127	127+127 BV CENTER OFFSET OF AUTO REGI	
	20	COGH	00	-127-+127	127+127 GH CENTER OFFSET OF AUTO REGI	
	21	CORH	00	-127-+127	127+127 RH CENTER OFFSET OF AUTO REGI	
	22	СОВН	00	-127-+127	-127-127 BH CENTER OFFSET OF AUTO REGI	

Category	Item	Adjustment Standard item data	Standard data	Data	Note	Device
	23	SOGV	00	-127-+127	GV SKEW OFFSET OF AUTO REGI	
	24	SORV	00	-127-+127	RV SKEW OFFSET OF AUTO REGI	
	25	SOBV	00	-127-+127	BV SKEW OFFSET OF AUTO REGI	
	26	SOGH	00	-127-+127	GH SKEW OFFSET OF AUTO REGI	
	27	SORH	00	-127-+127	RH SKEW OFFSET OF AUTO REGI	
	28	SOBH	00	-127-+127	BH SKEW OFFSET OF AUTO REGI	
	29	ERR	00		AUTO REGI ERROR CODE	
	30	ADTM	144	0-255	AUTO REGI AD TIMING	
	31	VUP	01	0-255	AUTO REGI VUP POS	
	32	VMID	120(120)	0-255	AUTO REGI VMID POS	
	33	VLOW	240(238)	0-255	AUTO REGI VLOW POS	
	34	HPR	01	0-255	AUTO REGI H POS REGIS	
	35	SFTF	00	0,1	V SIZE SHIFT FAST	
	36	ACTL	00	0-255	ACTIVE CRT TIME(LOW BYTE)	
	37	ACTH	00	0-255	ACTIVE CRT TIME(HIGH BYTE)	
		CENT	000 / 000	-512 - +511	COARSE GREEN H/V CENT	
		SKEW	000 / 000 -512 - +511	-512 - +511	COARSE GREEN H/V SKEW	
	GRN	SIZE	000 / 000	-512 - +511	COARSE GREEN H/V SIZE	
		LIN	XXXX/XXXX		COARSE GREEN H/V LIN	
		KEY	XXXX / XXXX	,	COARSE GREEN H/V KEY	
		PIN	XXXX / 000	-512 - +511	000 / XXXX -512 - +511 COARSE GREEN H/V PIN	
		CENT	000 / 000	-512 - +511	000 / 000 -512-+511 COARSE BLUE H/V CENT	
		SKEW	000 / 000	-512 - +511	000 / 000 -512 - +511 COARSE BLUE H/V SKEW	
	BLU	SIZE	000 / 000 -512 - +511	-512 - +511	COARSE BLUE H/V SIZE	
		LIN	000 / XXXX -512 - +511	-512 - +511	COARSE BLUE H/V LIN	
		KEY	XXXX / 000 -512 - +511	-512 - +511	COARSE BLUE H/V KEY	
		PIN	000 / XXXX -512 - +511	-512 - +511	COARSE BLUE H/V PIN	
		CENT	000 / 000	-512 - +511	COARSE RED H/V CENT	
		SKEW	000 / 000	-512 - +511	COARSE RED H/V SKEW	
	RED	SIZE	000 / 000	-512 - +511	COARSE RED H/V SIZE	
		LIN	XXXX / 000	-512 - +511	COARSE RED H/V LIN	
		KEY	XXXX / 000 -512 - +511	-512 - +511	COARSE RED H/V KEY	
		PIN	000 / XXXX -512 - +511	-512 - +511	COARSE RED H/V PIN	

3-10. REGISTRATION ADJUSTMENT

ADJUST BUTTONS AND INDICATOR



[SETUP FOR ADJUSTMENT]

- Current flow in circuit should be stable before attempting adjustment. So wait 5 minutes after turning on the TV power.
- The adjustments should be done in the 4:3 mode, 16:9 mode and VIDEO 5 1080i mode respectively.

Adjust every color registrations in one mode.

Forced 16: 9 mode setting:

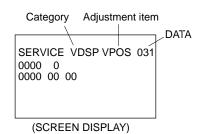
In the service mode, set OP 01 16:9 to 001.

VIDEO 5 forced 1080i mode setting:

Connect RCA pin plug to VIDEO IN 5 red pin jack, and set OP 03 1080 to 001 in the service mode.

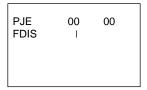
 Set to the service mode by pressing quickly keys on the remote commander in the standby mode in the following order:

$$\boxed{\text{DISPLAY}} \rightarrow \boxed{5} \rightarrow \boxed{\text{VOL+}} \rightarrow \boxed{\text{TV POWER}}$$



- 2. Change TV mode to the video input mode.
- 3. Change the VDSP mode to the PJE 00 FDIS.

4. Set FDIS data to "01" to display the registration data of each spot in the fine adjustment.



- 5. Press **6** to display the test signal (crosshatch) on the screen.
- Select GRN CENT(*) with the 1 and 4 keys on the remote commander and check that the adjustment data is now "000" both vertically and horizontally.

GRN	(H)	(V)	
CENT	000	000	

- *: In the factory preset, "GRN CENT" appears on the screen first.

 In case of other colors "RED" or "BLU", change color by every pressing 3 key.
- 7. Set MCP1 07 RON to "000", 08 GON to "001" and 09 BON to "000" to show only the green color.
- 8. Change the MCP1 mode to the PJE mode.

SUB DEFLECTION ADJUSTMENT ITEM

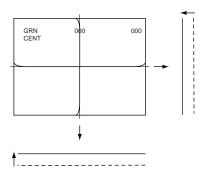
Adjustment O: Yes -: No

		Ad	justment ty	/pe
Display	Adjustment item	G	R	В
		H/V	H/V	H/V
CENT	CENT	O/O	O/O	0/0
SKEW	SKEW	O/O	O/O	0/0
SIZE	SIZE	O/O	O/O	0/0
LIN	LIN	-/-	O/-	O/-
KEY	KEY	-/-	-/O	-/O
PIN	PIN	-/O	-/O	-/O

[GREEN REGISTRATION ADJUSTMENT]

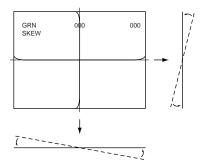
<GREEN CENTER, SIZE>

- 1. Select GRN CENT or GRN SIZE with the **1** and **4** keys on the remote commander.
- Adjust the crosshatch line goes center horizontally (GRN CENT) and set the size correctly (GRN SIZE) with the joystick on the remote commander.



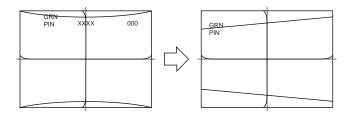
<GREEN SKEW>

- 1. Select GRN SKEW with the 1 and 4 keys on the remote commander.
- 2. Adjust the crosshatch line goes straight vertically and horizontally with the joystick on the remote commander.



<GREEN PINCUSHION>

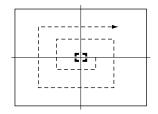
- 1. Select GRN PIN with the 1 and 4 keys on the remote commander
- 2. Adjust the crosshatch line goes straight vertically and horizontally with the joystick on the remote commander.



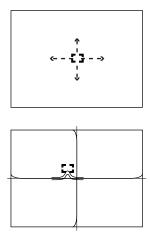
<FINE ADJUSTMENT>

- 1. Press **9** key on the remote commander to shift to the fine adjustment mode.
 - The green marker (in the GRN mode) appears on the center of the screen.
- 2. Use the 1 and 4 keys or the joystick on the remote commander, move the marker (see below) everywhere you want to adjust and adjust with the joystic keys on the remote commander.

Marker movement by the **1** and **4** keys:



Press once the joystick the marker turns sreen to white. Then you can move the marker up and down left and right.



3. Press **9** key on the remote commander to shift to the rough adjustment mode.

[RED REGISTRATION ADJUSTMENT]

<RED CENTER>

- Change to MCP1 mode and set MCP1 07 RON to "001", 08 GON to "001" and 09 BON to "000" to show the green and red colors.
- 2. Change the MCP1 mode to the PJE mode.
- 3. Press 3 key on the remote commander to shift the GRN mode to the RED mode.
- 4. Select RED CENT with the **1** and **4** keys on the remote commander.
- Adjust the red crosshatch lines go straight vertically and horizontally and overlaps the green lines with the joystick on the remote commander.

<RED SKEW>

- 1. Select RED SKEW with the **1** and **4** keys on the remote commander.
- Adjust the red crosshatch lines go straight vertically and horizontally and overlaps the green lines with the joystick on the remote commander.

<RED LINEARITY>

- Select RED SIZE (vertically and horizontally) or RED LIN (vertically) with the 1 and 4 keys on the remote commander and adjust while tracking each other alternately.
- Adjust the red crosshatch lines go straight vertically and horizontally and overlaps the green lines with the joystick on the remote commander.

<RED KEY>

- 1. Select RED KEY with the 1 and 4 keys on the remote commander.
- 2. Adjust the red crosshatch lines go straight horizontally and overlaps the green lines

with the joystick on the remote commander.

<RED PINCUSHION>

- 1. Select RED PIN with the 1 and 4 keys on the remote commander.
- Adjust the red crosshatch lines go straight horizontally and overlaps the green lines with the joystick on the remote commander.

<FINE ADJUSTMENT>

 Press 9 key on the remote commander to shift to the fine adjustment mode.

The red marker (in the RED mode) appears on the center of the screen.

2. Use the **1** and **4** keys or the joystick on the remote commander, move the marker everywhere you want to adjust and adjust with the joystick on the remote commander.

[BLUE REGISTRATION ADJUSTMENT]

- 1. Change to MCP1 mode and set MCP1 07 RON to "001", 08 GON to "001" and 09 BON to "001" to show full color.
- 2. Change the VPNT mode to the PJE mode.
- 3. Press 3 key on the remote commander to shift the RED mode to the BLU mode.
- Adjust BLU CENT, BLU SKEW, BLU SIZE, BLU LIN, BLU KEY and BLU PIN in the same procedure of the red registration adjustment.

[FINAL CHECK]

- 1. Store the new adjustment (offset) value on the remote control by pressing MUTING and ENTER.
- Press the FLASH FOCUS button on the front panel. (The Offset value is now automatically stored.)
- Check that no error message appears.If an error message appears, recheck.

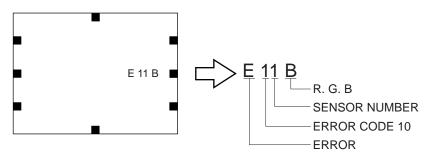
3-11. AUTO REGISTRATION ERROR CODE LIST

[ERROR CODE LIST]

ERROR CODE	DISCRIPTION	NOTE		
00	No Error			
10	Sensor Output Level Low	* Check wiring, beam position, sensor.	0 : Upper Center	
			1 : Middle Left	
			2 : Middle Right	
			3 : Lower Center	
20	Sensor Output Level High	* Check OP-amp circuit.	0 : Upper Center	
			1 : Middle Left	
			2 : Middle Right	
			3 : Lower Center	
30	Adjustment Loop Counter Overflow	* Check the data go far from the standard or not.		
40	Regi Data Overflow	* Check the data go far from the standard or not.		
50	Regi Data Overflow	* Check the data go far from the standard	l or not.	
60	Offset Overflow	* Check the data go far from the standard	l or not.	
70	Offset Overdrow	* Check the data go far from the standard	or not.	

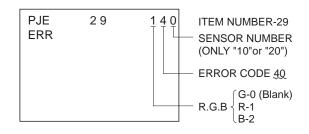
^{*} In case of multiple error, last error is displayed.

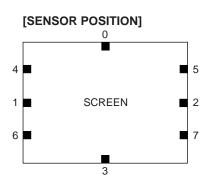
• ERROR CODE SCREEN DISPLAY



^{*} Error code will be displayed on center of screen for 3 seconds.

• ERROR CODE DISPLAY IN REGI SERVICE MODE





0: UPPER SENSOR

1: LEFT SENSOR

2: RIGHT SENSOR

3: LOWER SENSOR

4: UL

5: UR

6: LL

7 : LR

SECTION 4 SAFETY RELATED ADJUSTMENTS

[D BOARD]

4-1. HV REGULATION CIRCUIT CHECK AND ADJUSTMENT

When replacing the following components marked with \square on the schematic diagram always check HV regulation, and if necessary re-adjust.

⊠: R8194, R8202

☑: C8064, C8066, C8070, C8074, C8076, C8082 D8042

IC8002, IC8007, IC8008

Q8022

R8093, R8095, R8096, R8105, R8108

R8112, R8113, R8114, R8115, R8126

R8128, R8136, R8138, R8139, R8154

R8157, R8168, R8173, R8174, R8177

R8178, R8195, R8196, R8201

T8002 (LOT), T8003 (FBT)

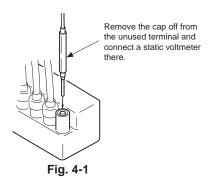
HV BLOCK, D BOARD

OPERATION CHECK

- Connect a HV static voltmeter to the unconnected plug of the high-voltage block.
- Connect a 33kΩ variable resistor, set to maximum value, across CN8008.
- 3. Power on the set.
- 4. Receive dot signal pattern.
- 5. Gradually lower the value of the variable resistor and check that the hold-down circuit operates at a static voltmeter reading of 31.0 ± 0.5 kV dc when the raster disappears.

HV HOLD-DOWN ADJUSTMENT

- 1. REPART STEPS (1) ~ (5) as above.
- Just at the point hold-down circuit begins to operate switch off the set.
- Remove the VR connected across CN8008, and measure it's resistance.
- Solder a resistor value, nearest to the measured value, across CN8008.
- 5. Reconfirm operation check.



4-2. HV HOLD DOWN CIRCUIT OPERATION CHECK AND ADJUSTMENT

When replacing the following components marked with \square on the schematic diagram always check hold-down voltage and if necessary re-adjust.

⊠: R8196, R8201

☑: D8026, D8032, D8035, D8050 IC8006, IC8009, IC8010

Q8021, Q8031

R8092, R8094, R8097, R8109, R8110,R8117, R8118, R8121, R8123, R8125, R8129, R8135, R8140, R8155, R8190, R8191, R8192, R8193,

R8194, R8198, R8202 T8002 (LOT), T8003(FBT)

HV BLOCK, D BOARD

OPERATION CHECK

- 1. Connect a HV static voltmeter to the unconnected plug of the high-voltage block.
- 2. Power on the set.
- 3. Receive dot signal patterm.
- 4. Check that the HV static voltmeter is readind 34.0 ± 0.5 V dc.

HV Regulation ADJUSTMENT

- 1. Repart step (1) as above.
- 2. Connect $33k\Omega$ variable resistor, set to maximum value, to CN8008.
- 3. Power on the set.
- 4. Receive dot signal pattern.
- 5. Gradually lower the value of the variable resistor until the static voltmeter is reading 34.0 ± 0.5 kVdc.
- 6. Switch off the swt.
- Remove the VR connected across CN8008, and measure its value.
- Solder a resistor value, nearest to the measured value, across CN8008.
- 9. Reconfirm operation check.

4-3. +B OVP CONFIRMATION

- 1. Connect a voltmeter to TP. OVP and ground.
- 2. Supply 120VAC to variable autotransformer.
- 3. Power on the Set.
- 4. Supply 150VDC to TP. OVP.
- 5. Check the OVP operate.

SECTION 5 CIRCUIT ADJUSTMENTS

[MCD MODE]

5-1. TV INPUT SUB CONTRAST ADJUSTMENT (MCD1-SCON)

- 1. Receive the color-bar signal.
- 2. Set to service mode.
- 3. Connect an oscilloscope between pin ② of CN511 (A board) and ground.
- 4. Select "MCD1-SCON", and adjust so that the waveform level is $0.525 \pm 0.015 Vp-p$.
- 5. Write the data into memory.

MUTING → ENTER

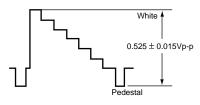


Fig. 5-1

5-3. P & P SUB CONTRAST ADJUSTMENT (MCD2-SCON)

1. Receive the signal.

TV terminal (main) : color-bar signal VIDEO terminal (sub) : no signal

- 2. Set to P & P mode, set to service mode.
- 3. Connect an oscilloscope between pin @ of CN513 (A board) and ground.
- 4. Select "MCD2-SCON", and adjust so that the waveform level is $0.525 \pm 0.015 Vp-p$.
- 5. Write the data into memory.

MUTING → ENTER

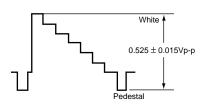


Fig. 5-3

5-2. VIDEO INPUT SUB CONTRAST ADJUSTMENT (MCD3-SCON)

- 1. VIDEO 1 input the color-bar signal.
- 2. Set to service mode.
- 3. Connect an oscilloscope between pin ② of CN511 (A board) and ground.
- 4. Select "MCD3-SCON", and adjust so that the waveform level is $0.525 \pm 0.015 Vp-p$.
- 5. Write the data into memory. $\boxed{\text{MUTING}} \rightarrow \boxed{\text{ENTER}}$

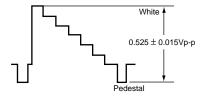


Fig. 5-2

5-4. P & P SUB CONTRAST ADJUSTMENT (MCD4-SCON)

1. Receive the signal.

TV terminal (sub) : no signal VIDEO terminal (main) : color-bar signal

- 2. Set to P & P mode, and set to service mode.
- 3. Connect an oscilloscope between pin ② of CN513 (A board) and ground.
- 4. Select "MCD4-SCON", and adjust so that the waveform level is 0.525 ± 0.015 Vp-p.
- 5. Write the data into memory.MUTING → ENTER

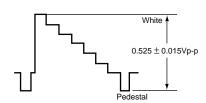


Fig. 5-4

5-5. SUB-CONTRAST ADJUSTMENT (MCP2-SCON)

- 1. Receive the color-bar signal.
- 2. VIDEO MODE : PRO
 PICTURE : maximum
 COLOR : minimum
 BRIGHTNESS : center
 TRINITONE : medium
 SERVICE DATA MCP2-SBRT : 25
- 3. Set to service mode.
- 4. Connect an oscilloscope between pin ③ of CN503 (A board) connecter and ground.
- 5. Select "MCP 2-SCON", and adjust so that the waveform level is $1.750 \pm 0.030 Vp-p$.
- 6. Write the data into memory.

 $\boxed{\text{MUTING}} \rightarrow \boxed{\text{ENTER}}$

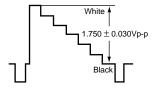


Fig. 5-5

5-6. VIDEO 5 INPUT SUB-CONTRAST ADJUSTMENT (MCP3-SCON)

- 1. VIDEO 5 input the color-bar signal.
- 2. PICTURE : maximum
 COLOR : minimum
 BRIGHTNESS : center
 TRINITONE : medium
 SERVICE DATA MCP3-SBRT : 25
- 3. Set to service mode.
- 4. Connect an oscilloscope between pin ③ of CN503 (A board) connecter and ground.
- 5. Select "MCP 3-SCON", and adjust so that the waveform level is $1.750 \pm 0.030 Vp-p$.
- 6. Write the data into memory.

MUTING → ENTER

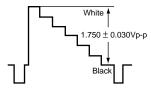


Fig. 5-6

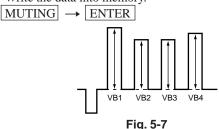
5-7. SUB-HUE AND SUB-COLOR ADJUSTMENT (MCD1-SHUE, SCOL)

1. Receive the color-bar signal.

2. VIDEO MODE : PRO
PICTURE : maximum
COLOR : center
HUE : HUE
BRIGHTNESS : center
TRINITONE : medium
SERVICE DATA MCP2-SBRT : 25

MCP2-SHUE: 7 MCP2-SCOL: 12

- 3. Set to service mode.
- Connect an oscilloscope between pin (5) of CN503 (A board) connecter and ground.
- 5. Select "MCD 1-SHUE, SCOL", and adjust them to have VB1 = VB4 and VB2 = VB3 in the waveform levels.
- 6. Write the data into memory.



5-8. VIDEO INPUT SUB-HUE AND SUB-COLOR ADJUSTMENT (MCD3-SHUE, SCOL)

- 1. VIDEO input the color-bar signal.
- 2. VIDEO MODE : PRO
 PICTURE : maximum
 COLOR : center
 HUE : HUE
 BRIGHTNESS : center
 TRINITONE : medium
 SERVICE DATA MCP2-SBRT : 25

MCP2-SHUE: 7 MCP2-SCOL: 12

- 3. Set to service mode.
- Connect an oscilloscope between pin (5) of CN503 (A board) connecter and ground.
- 5. Select "MCD 3-SHUE, SCOL", and adjust them to have VB1 = VB4 and VB2 = VB3 in the waveform levels.
- 6. Write the data into memory.

MUTING → ENTER

VB1 VB2 VB3 VB4

Fig. 5-8

5-9. P & P SUB-HUE AND SUB-COLOR ADJUSTMENT (MCD2-SHUE, SCOL)

1. Receive the signal.

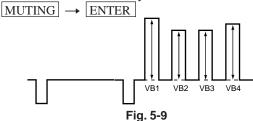
TV terminal (main) : color-bar signal VIDEO terminal (sub) : no signal

2. VIDEO MODE : PRO **PICTURE** : maximum **COLOR** : center HUE : HUE **BRIGHTNESS** : center **TRINITONE** : medium

SERVICE DATA MCP2-SBRT : 25 MCP2-SHUE: 7

MCP2-SCOL: 12

- 3. Set to P & P mode, set to service mode.
- Connect an oscilloscope between pin (5) of CN503 (A board) connecter and ground.
- 5. Select "MCD 2-SHUE, SCOL", and adjust them to have VB1 = VB4 and VB2 = VB3 in the waveform levels.
- 6. Write the data into memory.



5-10. P & P SUB-HUE AND SUB-COLOR ADJUSTMENT (MCD4-SHUE, SCOL)

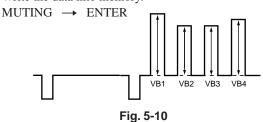
1. Receive the signal.

TV terminal (main) : no signal VIDEO terminal (sub) : color-bar signal 2. VIDEO MODE : PRO **PICTURE** : maximum **COLOR** : center HUE : HUE **BRIGHTNESS** : center

TRINITONE : medium SERVICE DATA MCP2-SBRT : 25

> MCP2-SHUE: 7 MCP2-SCOL :12

- 3. Set to P & P mode, set to service mode.
- 4. Connect an oscilloscope between pin ⑤ of CN503 (A board) connecter and ground.
- 5. Select "MCD 4-SHUE, SCOL", and adjust them to have VB1 = VB4 and VB2 = VB3 in the waveform levels.
- 6. Write the data into memory.



[SCD MODE]

5-11. P & P SUB CONTRAST ADJUSTMENT (SCD1-SCON)

1. Receive the signal.

TV terminal (sub) : color-bar signal VIDEO terminal (main): no signal

- 2. Set to P & P mode, and set to service mode.
- 3. Connect an oscilloscope between pin ② of CN513 (A board) and ground.
- 4. Select "SCD1-SCON", and adjust so that the wave from level is 0.525 ± 0.015 Vp-p.
- 5. Write the data into memory.

MUTING → ENTER

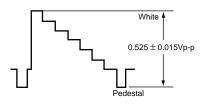


Fig. 5-11

5-12. P & P SUB CONTRAST ADJUSTMENT (SCD2-SCON)

1. Receive the signal.

TV terminal (main) : no signal VIDEO terminal (sub) : color-bar signal 2. Set to P & P mode, and set to service mode.

- 3. Connect an oscilloscope between pin 20 of CN513 (A board) and ground.
- 4. Select "SCD2-SCON", and adjust so that the wave from level is 0.525 ± 0.015 Vp-p.
- 5. Write the data into memory.

 $|MUTING| \rightarrow |ENTER|$

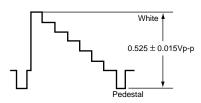


Fig. 5-12

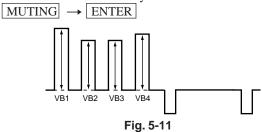
5-13. SUB-HUE AND SUB-COLOR ADJUSTMENT (SCD1-HUE, SCOL)

- 1. Receive the color-bar signal.
- 2. VIDEO MODE : PRO
 PICTURE : maximum
 COLOR : center
 HUE : HUE
 BRIGHTNESS : center
 TRINITONE : medium
 SERVICE DATA MCP2-SBRT : 25

MCP2-SHUE : 7

MCP2-SCOL : 12

- 3. Set to service mode.
- 4. Connect an oscilloscope between pin ⑤ of CN503 (A board) connecter and ground.
- 5. Select "SCD1-SHUE, SCOL", and adjust them to have VB1 = VB4 and VB2 = VB3 in the waveform levels.
- 6. Write the data into memory.



5-14. SUB-HUE AND SUB-COLOR ADJUSTMENT (SCD2-HUE, SCOL)

- 1. Receive the color-bar signal.
- 2. VIDEO MODE : PRO
 PICTURE : maximum
 COLOR : center
 HUE : HUE
 BRIGHTNESS : center
 TRINITONE : medium
 SERVICE DATA MCP2-SBRT : 25

MCP2-SHUE : 7 MCP2-SCOL : 12

- 3. Set to service mode.
- 4. Connect an oscilloscope between pin ⑤ of CN503 (A board) connecter and ground.
- 5. Select "SCD2-HUE, SCOL", and adjust them to have VB1 = VB4 and VB2 = VB3 in the waveform levels.
- 6. Write the data into memory.

 MUTING → ENTER

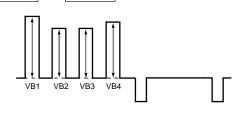


Fig. 5-12

5-15. VIDEO 5 INPUT SUB-HUE AND SUB-COLOR ADJUSTMENT (MCP3-SHUE, SCOL)

1. VIDEO 5 input the color-bar signal.

2. PICTURE : maximum
COLOR : minimum
HUE : HUE
BRIGHTNESS : center
TRINITONE : medium
SERVICE DATA MCP3-SBRT : 25

- 3. Set to service mode.
- Connect an oscilloscope between pin 3 of CN503 (A board) connecter and ground.
- 5. Select "MCP 3-SHUE, SCOL", and adjust them to have VB1 = VB4 and VB2 = VB3 in the waveform levels.
- 6. Write the data into memory.

 $\boxed{\text{MUTING}} \rightarrow \boxed{\text{ENTER}}$

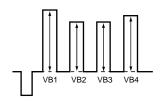


Fig. 5-15

[MCD MODE]

5-16. DISPLAY POSITION ADJUSTMENT (OSD-HPOS)

- 1. Receive the monoscope signal.
- 2. Set to Service mode.
- 3. Select "OSD-HPOS", and adjust so that the left edge of MENU is as shown to the spec.
- 4. Write the data into memory.

 MUTING → ENTER

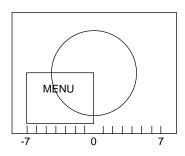


Fig. 5-16

5-18. MID DISPLAY POSITION ADJUSTMENT (MID-HPOS)

- 1. Display 1/9 size PIP.
- 2. Set to Service mode.
- 4. Write the data into memory.

 MUTING → ENTER

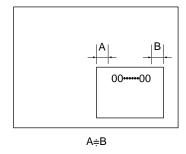


Fig. 5-18

5-17. CAPTION VISION POSITION ADJUSTMENT (MCCD-CCDH)

- 1. Receive signal with CAPTION VISION data.
- 2. Set to Service mode.
- 3. Display TEXT BOX.
- 4. Select "MCCD-CCDH", and adjust data so that $A \doteqdot B$.
- 5. Write the data into memory.

MUTING → ENTER

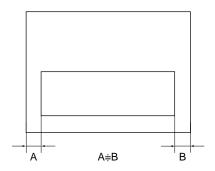
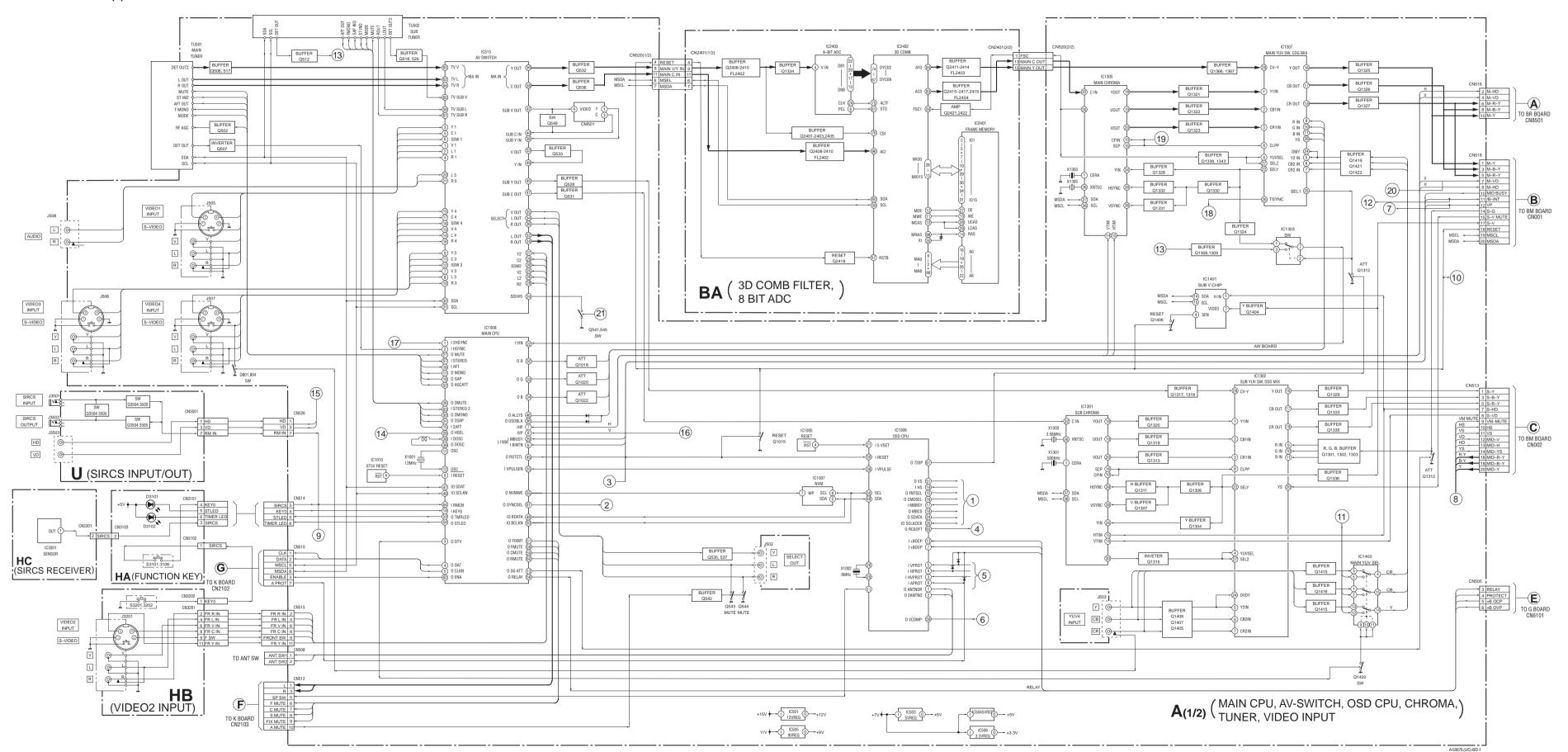


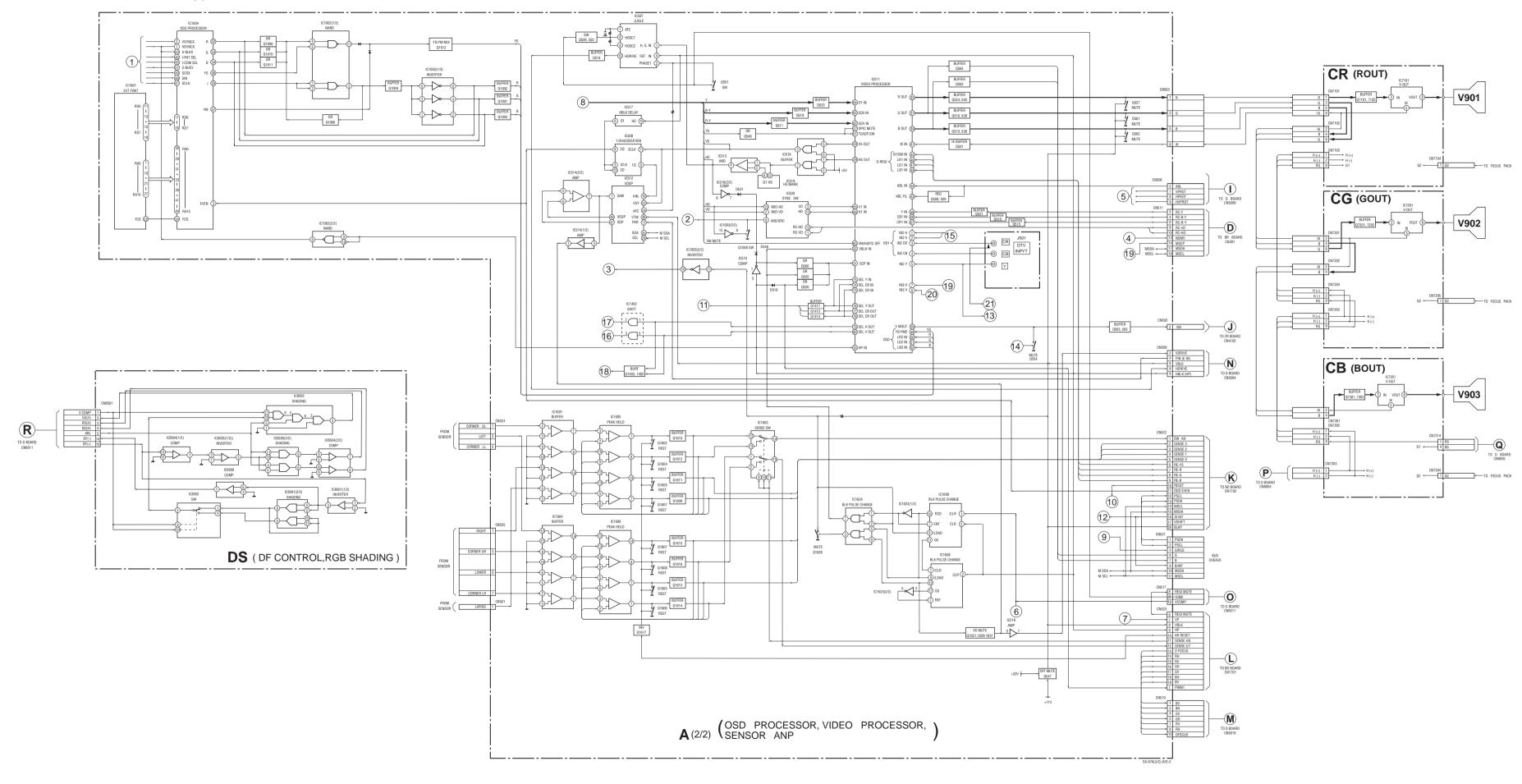
Fig. 5-17

MEMO	

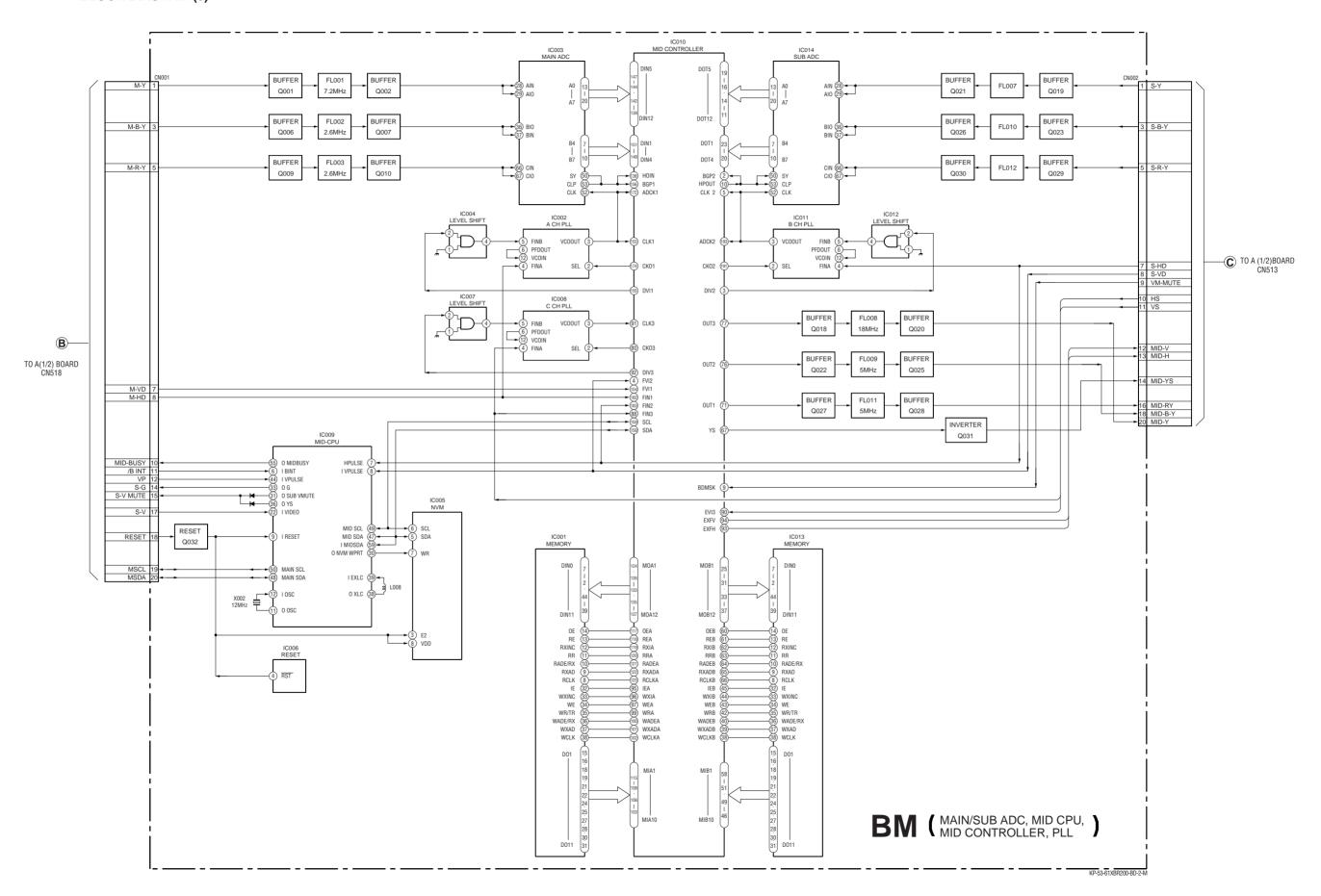
6-1. BLOCK DIAGRAM (1)



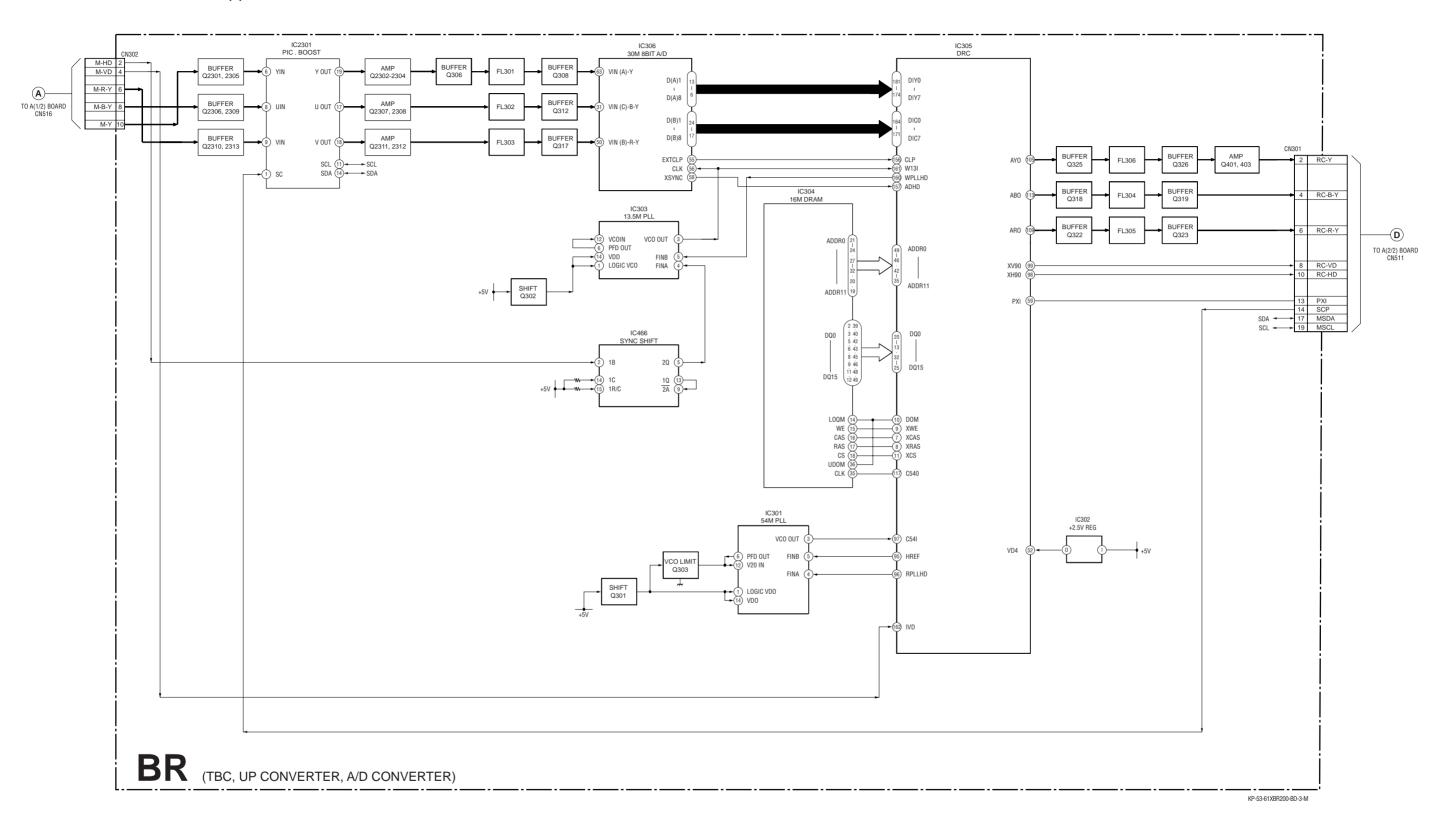
BLOCK DIAGRAM (2)



BLOCK DIAGRAM (3)

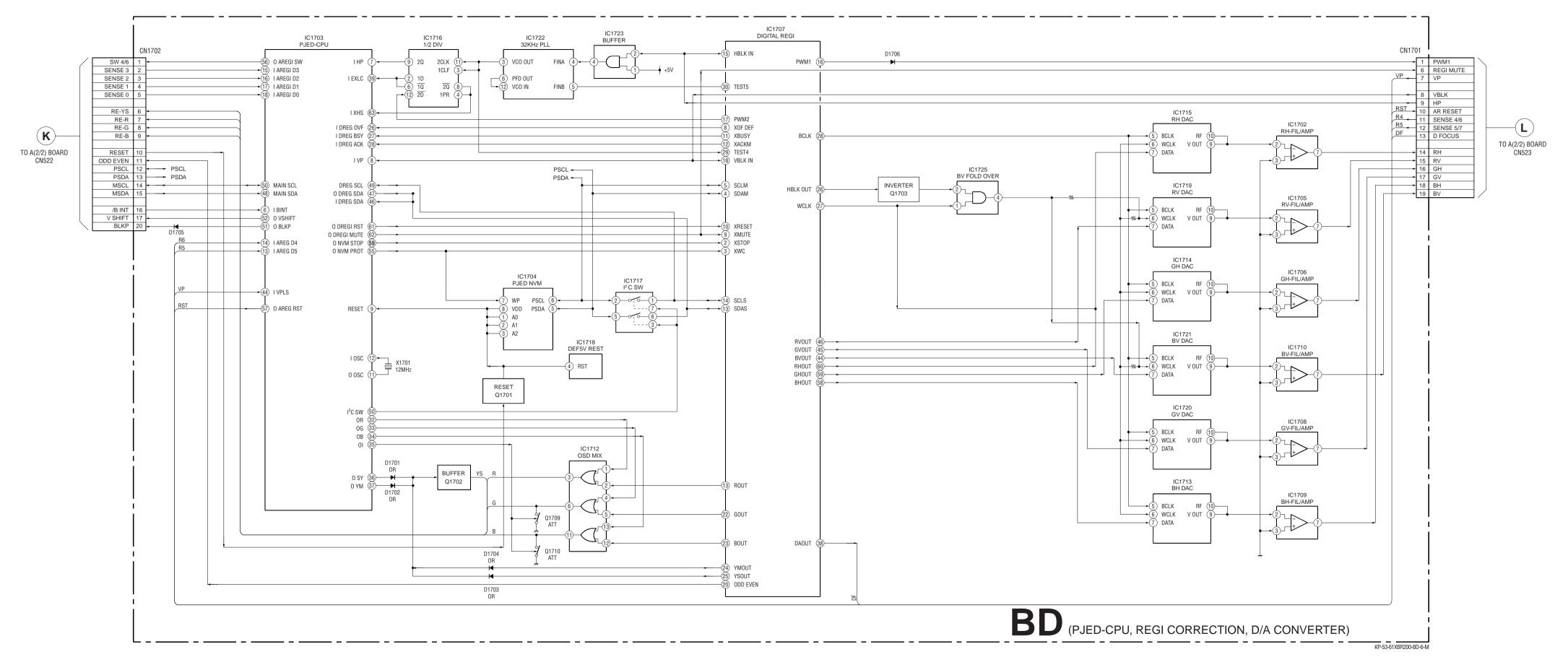


BLOCK DIAGRAM (4)

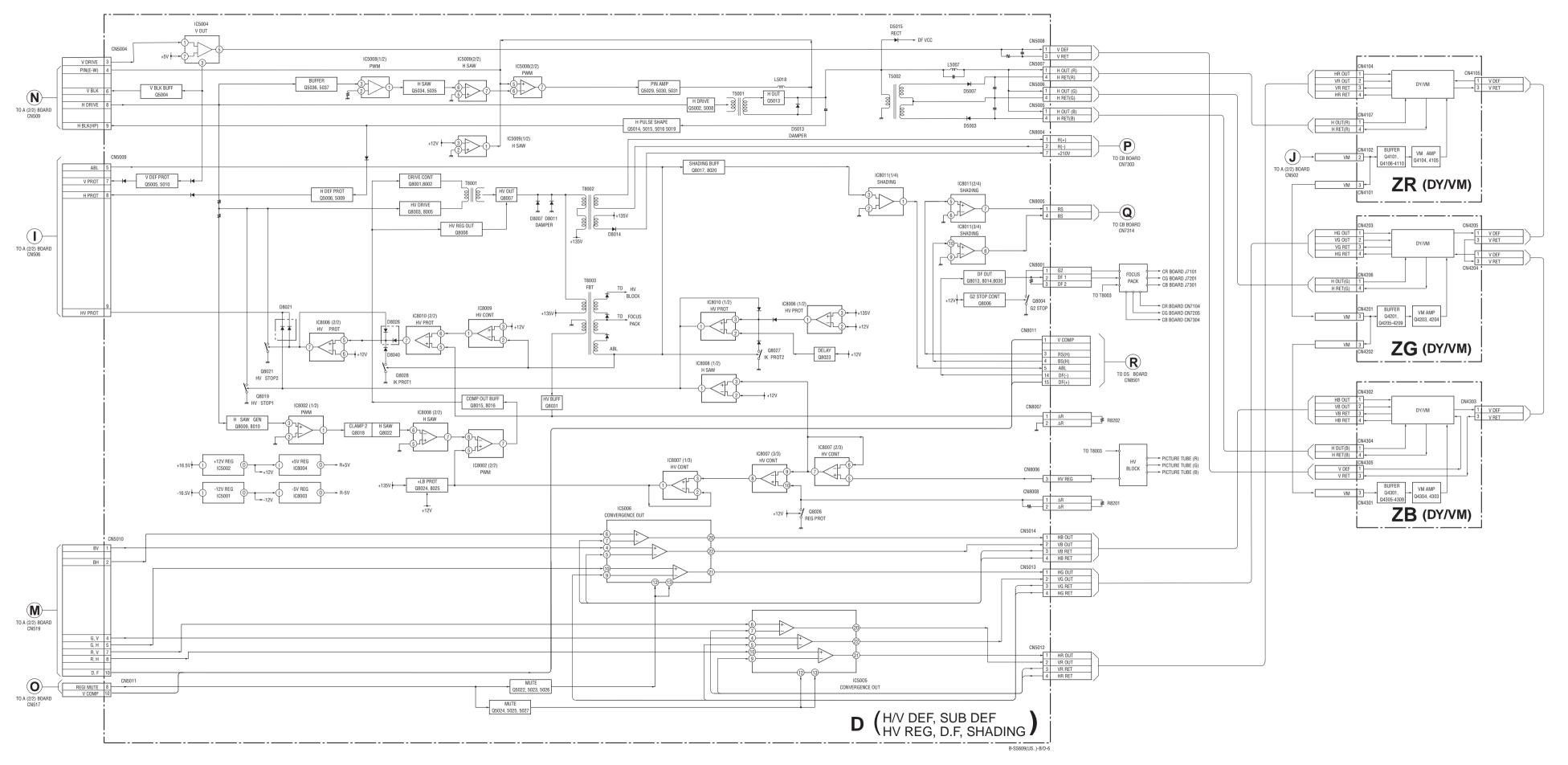


-69 -

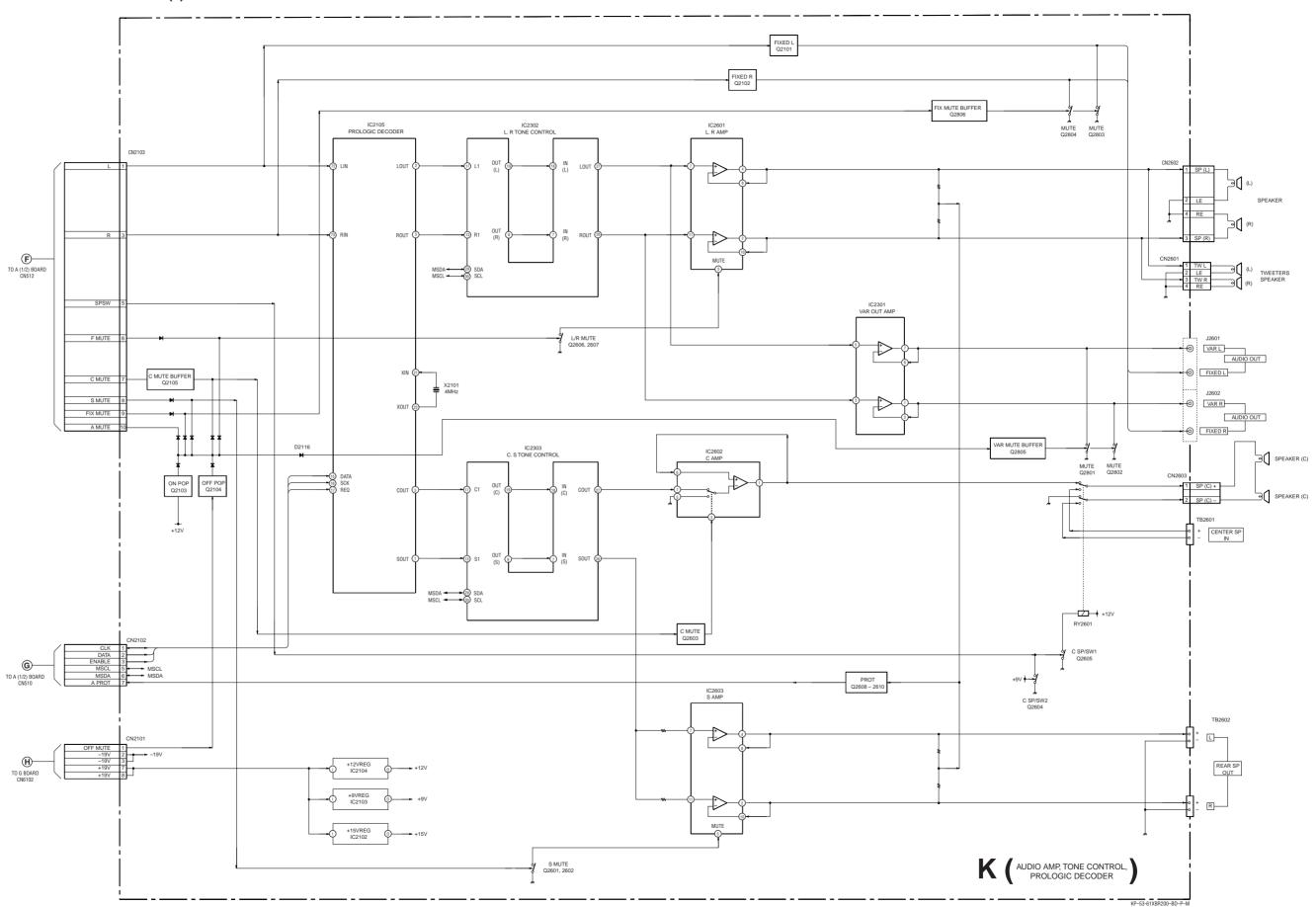
− 70 **−**



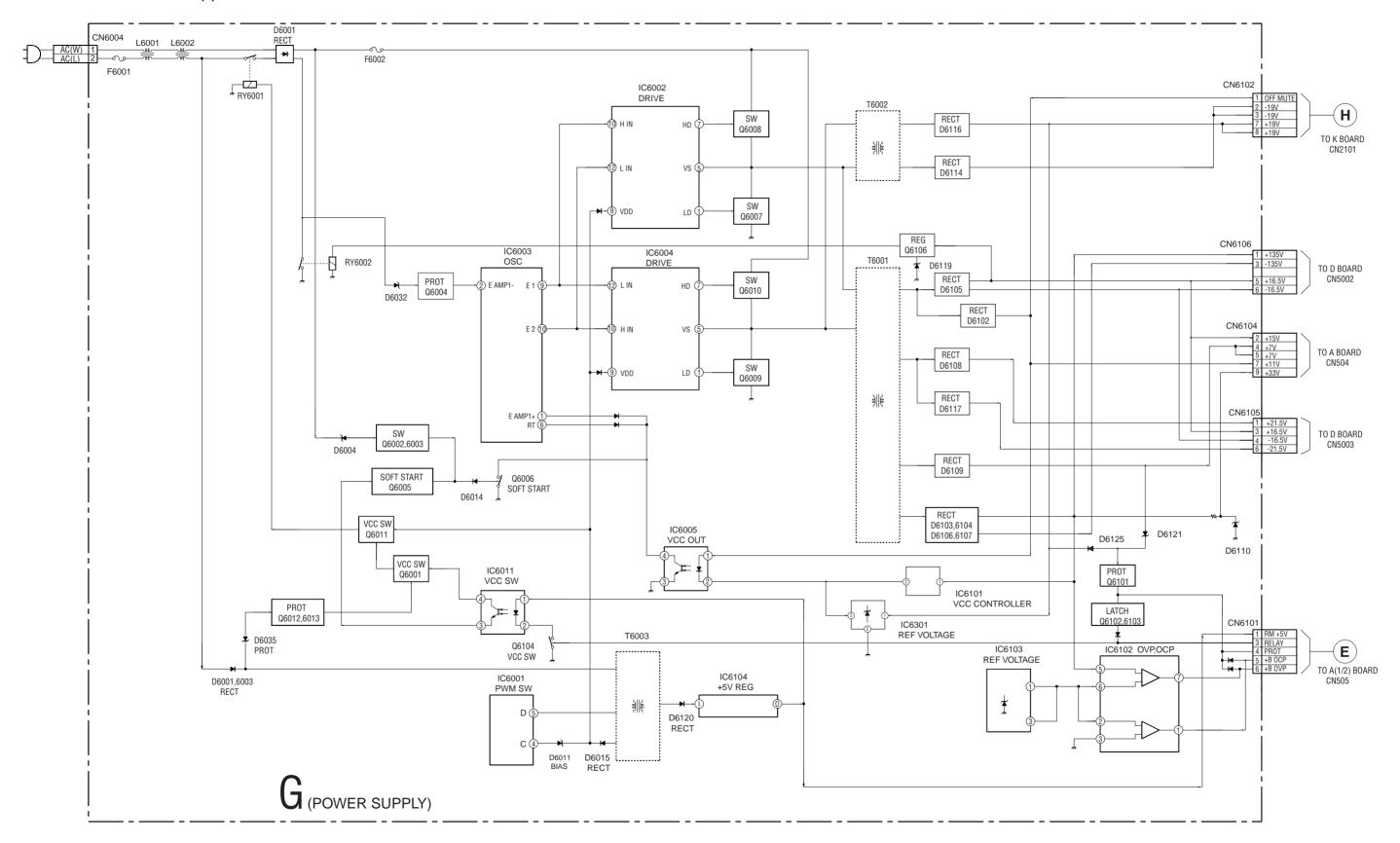
BLOCK DIAGRAM (6)

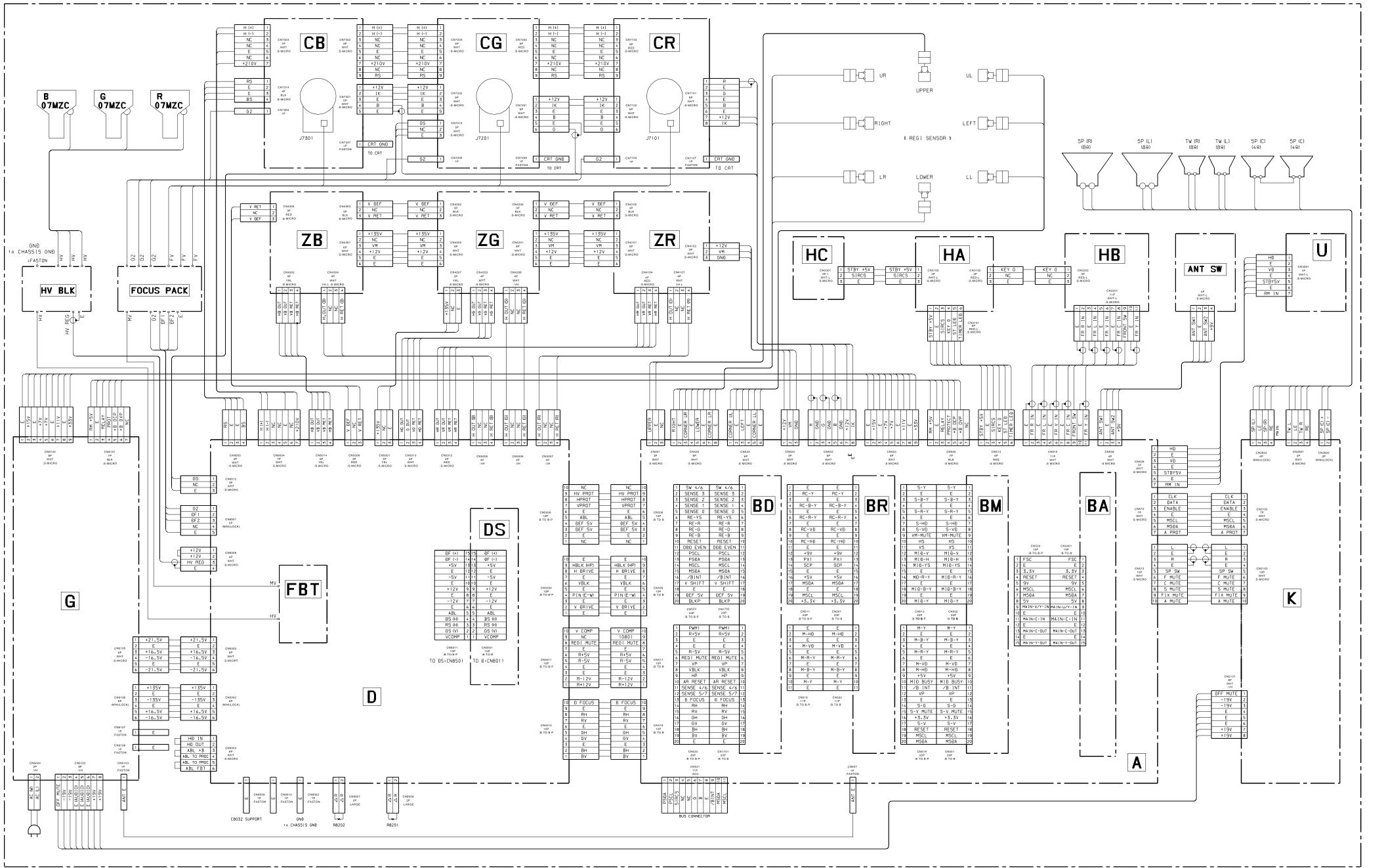


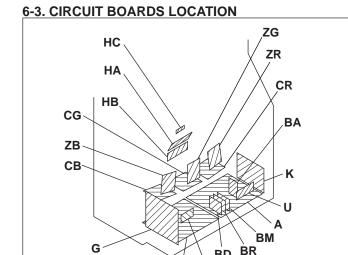
BLOCK DIAGRAM (7)



BLOCK DIAGRAM (8)







6-4. PRINTED WIRING BOARDS AND SCHEMATIC DIAGRAMS

- Capacitors without voltage indication are all 50V.
- All resistors are in ohms.
- $k\Omega$ =1000 Ω , $M\Omega$ =1000 $k\Omega$ • Indication of resistance, which dose not have one for rating electrical power, is
- Pitch : 5mm
- Rating electrical power: 1/4 W
- : nonflammable resistor.
- tusible resistor.
- panel designation and adjustment for repair.
- All variable and adjustable resistors have characteristic curve B, unless otherwise
- ; earth-chassis.
- The components identified by 🔀 in this basic schematic diagram have been carefully factory-selected for each set in order to satisfy regulations regarding X-ray radiation.
- Should replacement be required, replace only with the value originally used. ullet When replacing components identified by $oxedsymbol{\square}$, make the necessary adjustments indicated. If results do not meet the specified value, change the component identified by M and repeat the adjustment until the specified value is achieved. (Refer to R8194, R8196, R8201 and R8202 adjustment on Page 54.)

• When replacing the part in below table, be sure to perform the related adjustment Part replaced () C8064, C8066, C8070, C8074, C8076,C8082, D8042, IC8002, IC8007, IC8008, Q8022, R8093, R8095, R8096, R8105, R8108, R8112, R8113, R8114, **HV** Reagurator R8115,R8126, R8128, R8136, R8138, (R8194, R8202) R8139, R8154, R8157, R8168,R8173,

R8174, R8177, R8178, R8195, R8196, R8201, T8002 (LOT), T8003 (FBT), HV BLOCK, D BOARD D8026, D8032, D8035, D8050, IC8006, IC8009, IC8010, Q8021, Q8031, R8092, R8094, R8097, R8109, R8110, R8117, HV HOLD-DOWN R8118, R8121, R8123, R8125, R8129, (R8196, R8201) R8135, R8140, R8155, R8190, R8191,

• Readings are taken with a color-bar signal input.

R8192, R8193, R8194, R8198, R8202,

- Voltages are dc with respect to ground unless otherwise noted.
- Voltage variations may be noted due to normal production tolerances. All voltages are in V.
- *: Measurement impossibillity.

T8002 (LOT), T8003(FBT) HV BLOCK, D BOARD

- Circled numbers are waveform references.
- _____ : B+ bus.
- **___**: B– bus.
- : signal path.(RF) Reference information

RESISTOR : RN METAL FILM : RC SOLID : FPRD NONFLAMMABLE CARBON

: ALR HIGH RIPPLE

: FUSE NONFLAMMABLE FUSIBLE : RW NONFLAMMABLE WIREWOUND : RS NONFLAMMABLE METAL OXIDE : RB NONFLAMMABLE CEMENT : X ADJUSTMENT RESISTOR

: LF-8L MICRO INDUCTOR COIL CAPACITOR: TA TANTALUM

: PS STYROL : PP POLYPROPYLENE : PT MYLAR

: MPS METALIZED POLYESTER : MPP METALIZED POLYPROPYLENE : ALB BIPOLAR

: ALT HIGH TEMPERATURE

Note: The symbol display is on the component side. The components identified by shading and mark extstyle extstyleare critical for safety. Replace only with part number

The symbol # indicate fast operating fuse. Replace only with fuse of same rating as maked.

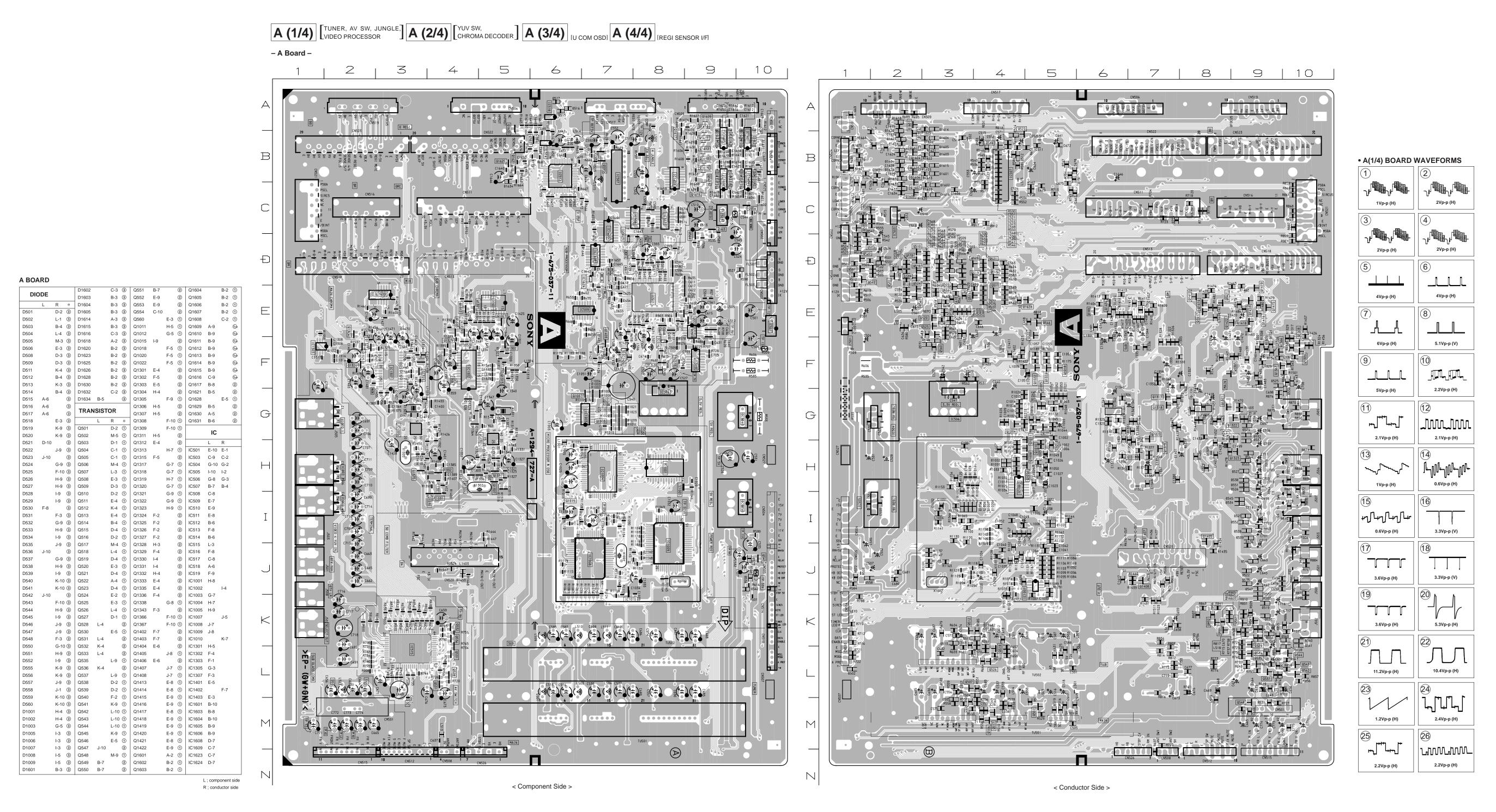
Note: Les composants identifiés per un tramé et une marque que par une piéce portant le numéro spécifié.

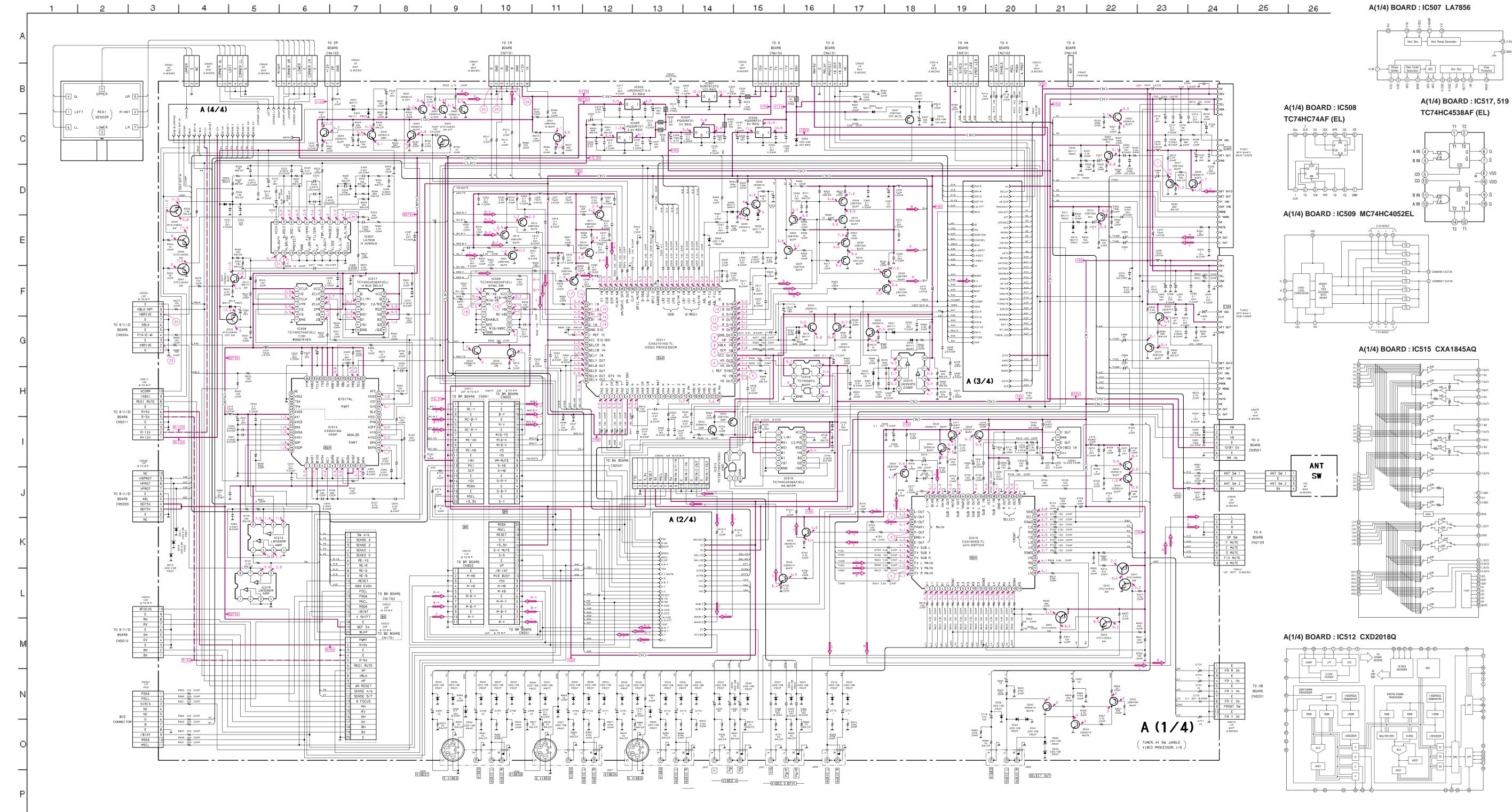
Le symbole — indique une fusible a action rapide. Doit etre remplacee par une fusible de meme yaleur, comme maque.

Terminal name of semiconductors in silk screen printed circuit (*)

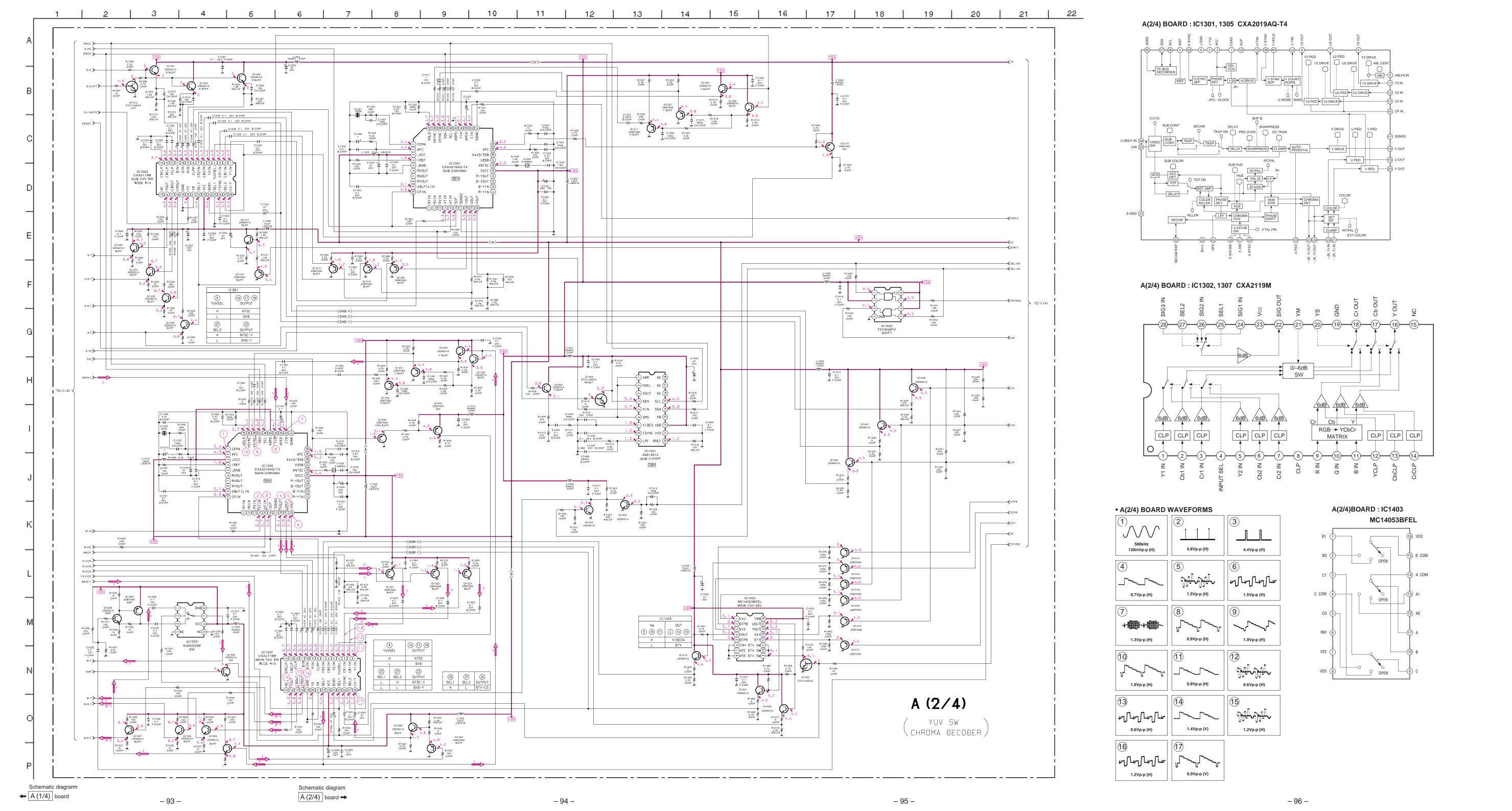
		cuit (*)		
	Device	Printed symbol	Terminal name	Circuit
1	Transistor		Collector Base Emitter	
2	Transistor		Collector Base Emitter	
3	Diode		Cathode Anode	Š.
4	Diode		Cathode Anode (NC)	<u> </u>
⑤	Diode		Cathode Anode (NC)	₽ .
6	Diode		Common Anode Cathode	Υ
7	Diode		Common Anode Cathode	₽
8	Diode		Common Anode Anode	
9	Diode		Common Anode Anode	r ≯ · · ·
10	Diode		Common Cathode Cathode	
11)	Diode		Common Cathode Cathode	
12	Diode		Anode Anode Cathode Anode	
13	Transistor (FET)		Drain Source Gate	
14)	Transistor (FET)		Drain Source Gate	so so
-	Discrete ser	miconductot		
				Ver.

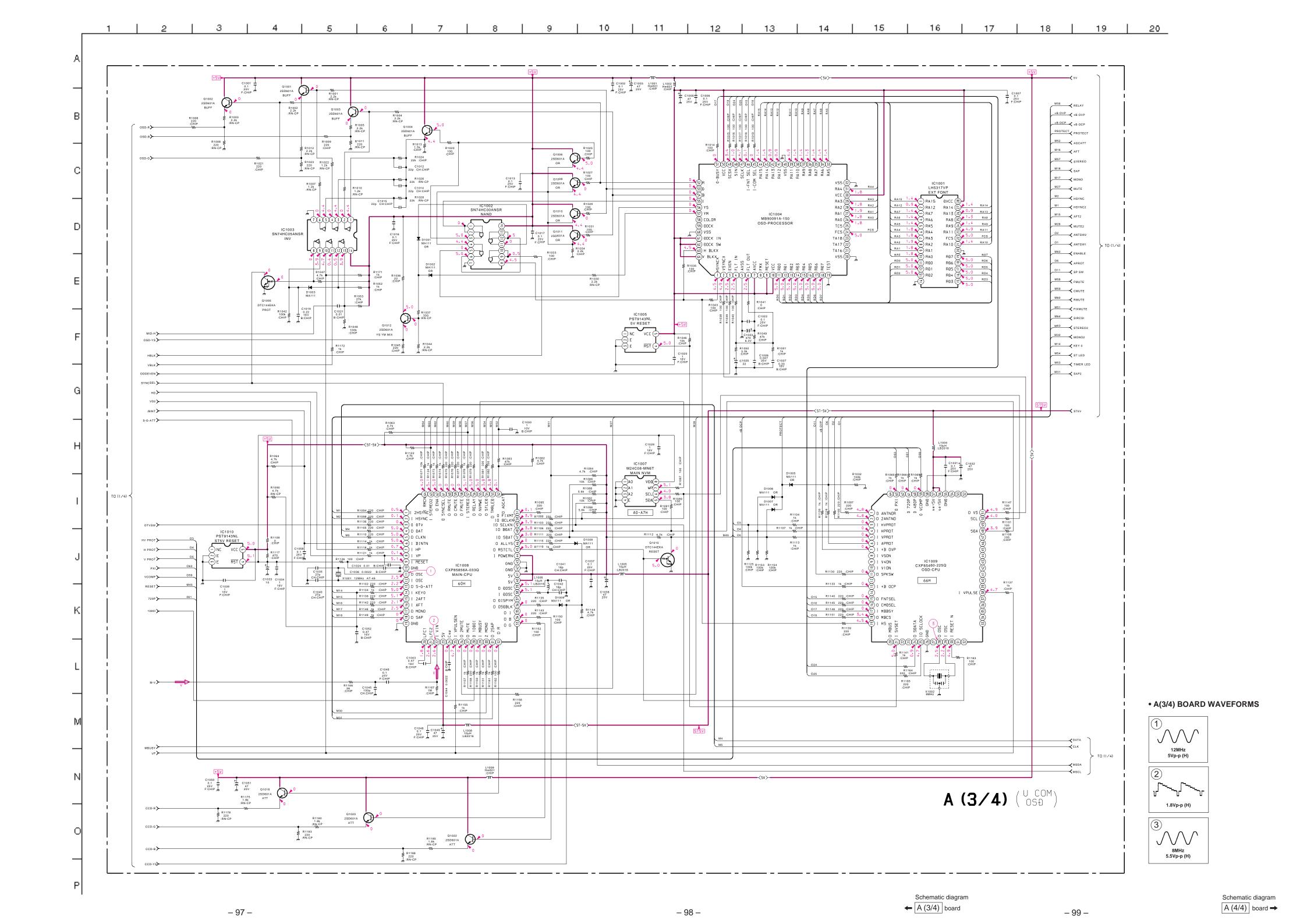
− 81 − **–** 82 **– –** 83 **– –** 84 **–**





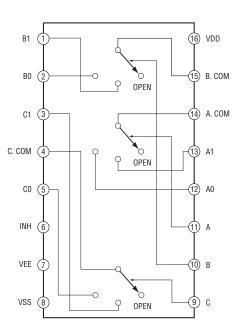
– 89 **–**

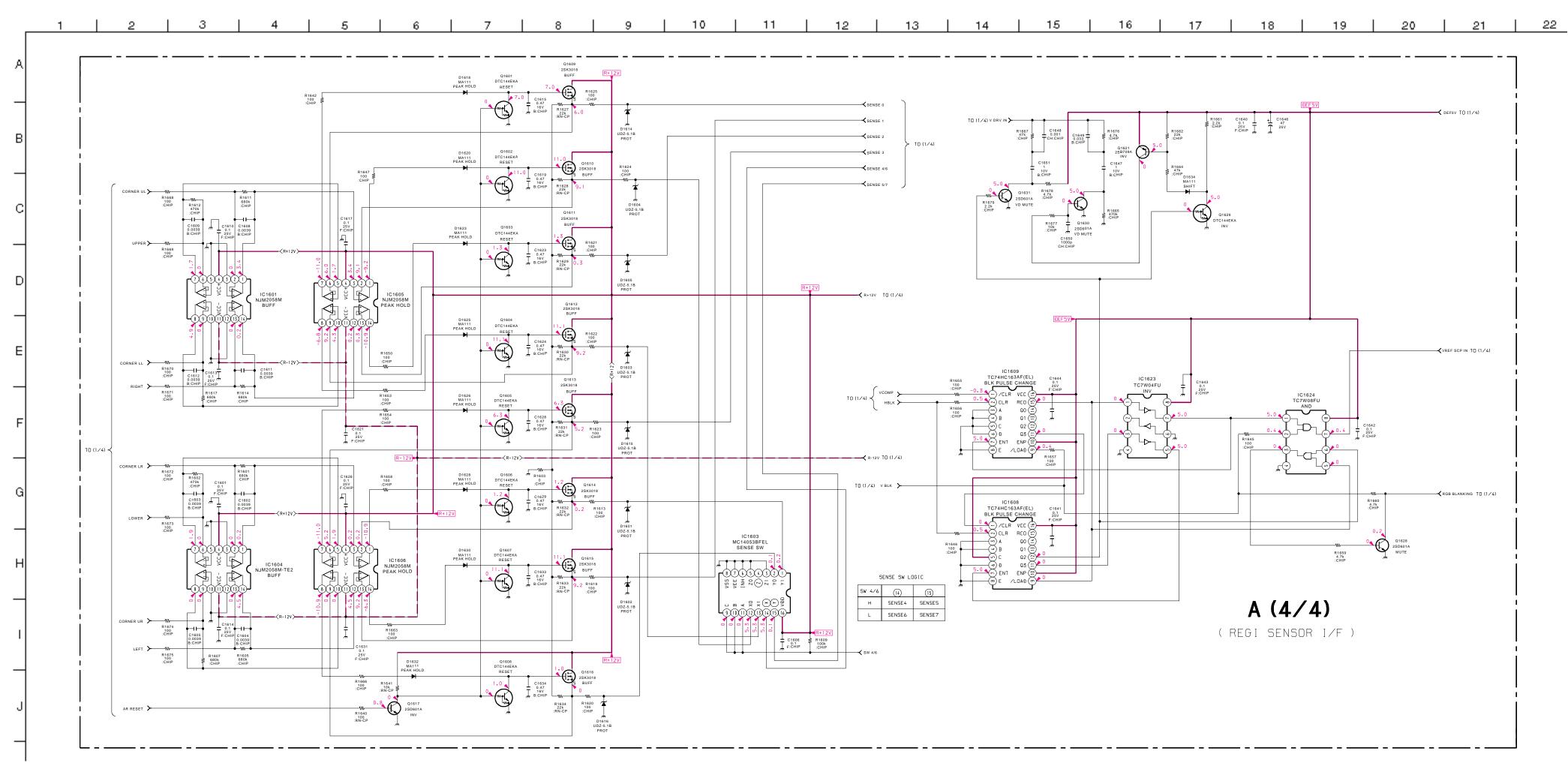


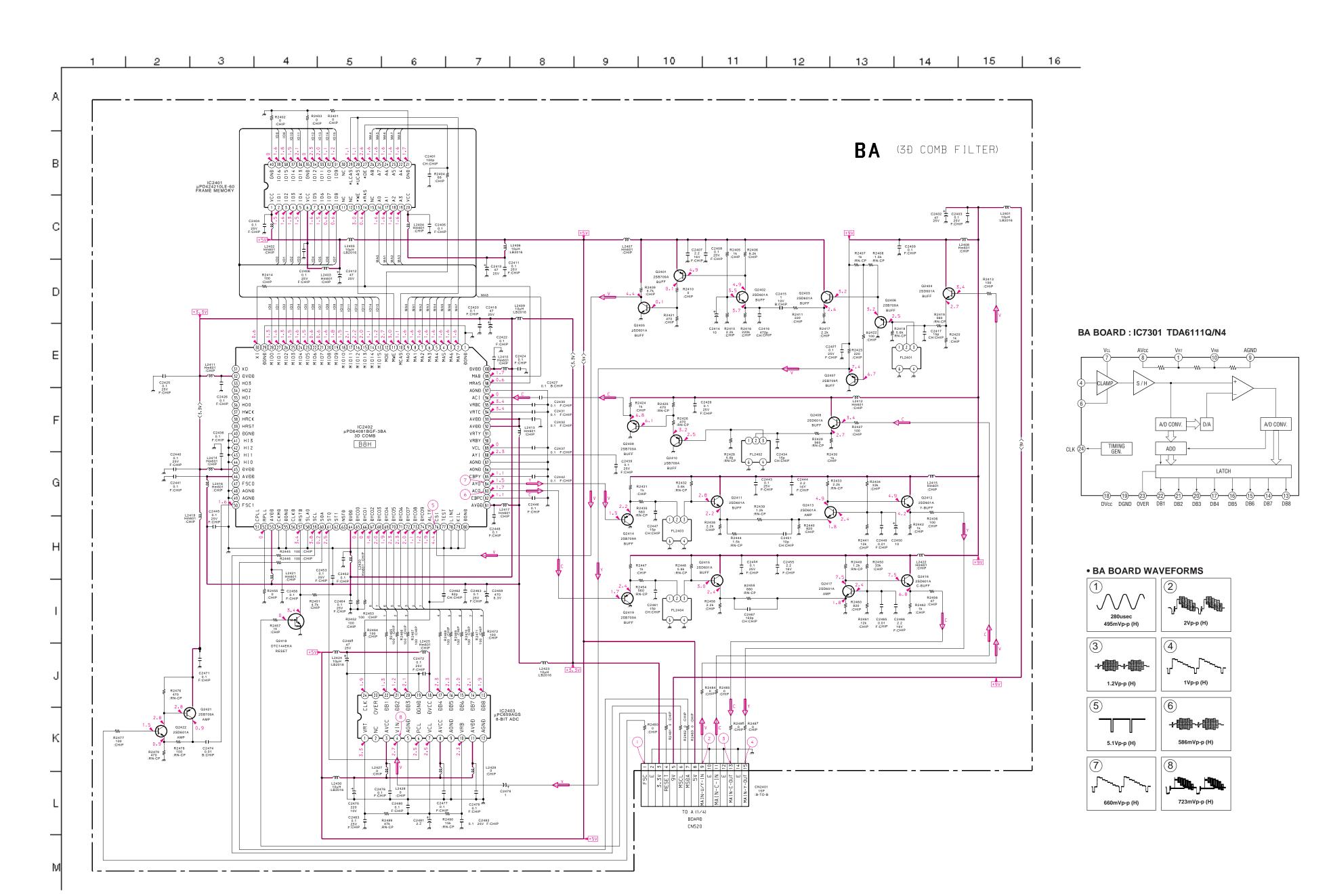


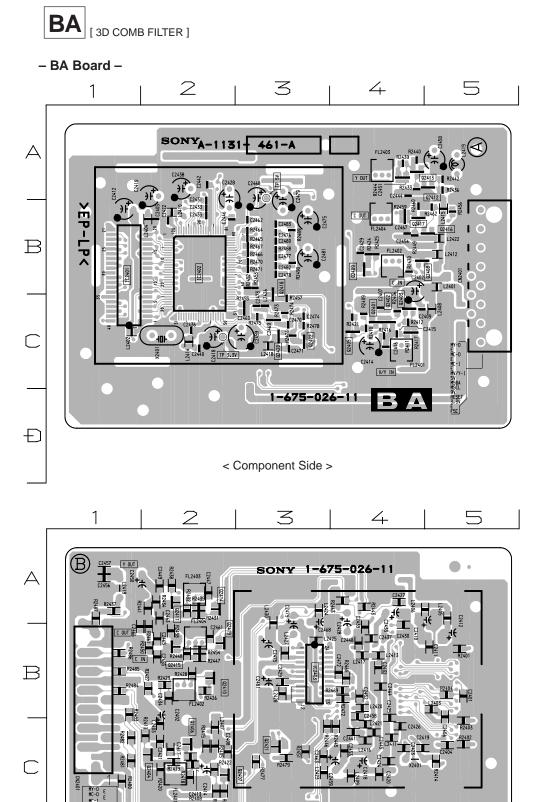
A(4/4) BOARD: IC1609, 1608 TC74HC163AF(EL) RIPPLE OUTPUTS CARRY OA OB OC OD ENABLE T LOAD GARRY OA OB OC OD ENABLE T LOAD GARRY OUTPUT CLEAR CLOCK A B C D ENABLE T T DATA INPUTS OUTPUTS ENABLE T LOAD F ENABLE T LOAD D ENABLE T LOAD F ENABLE T D ENABLE GND DATA INPUTS

A(4/4) BOARD : IC1603 MC14053BFEL







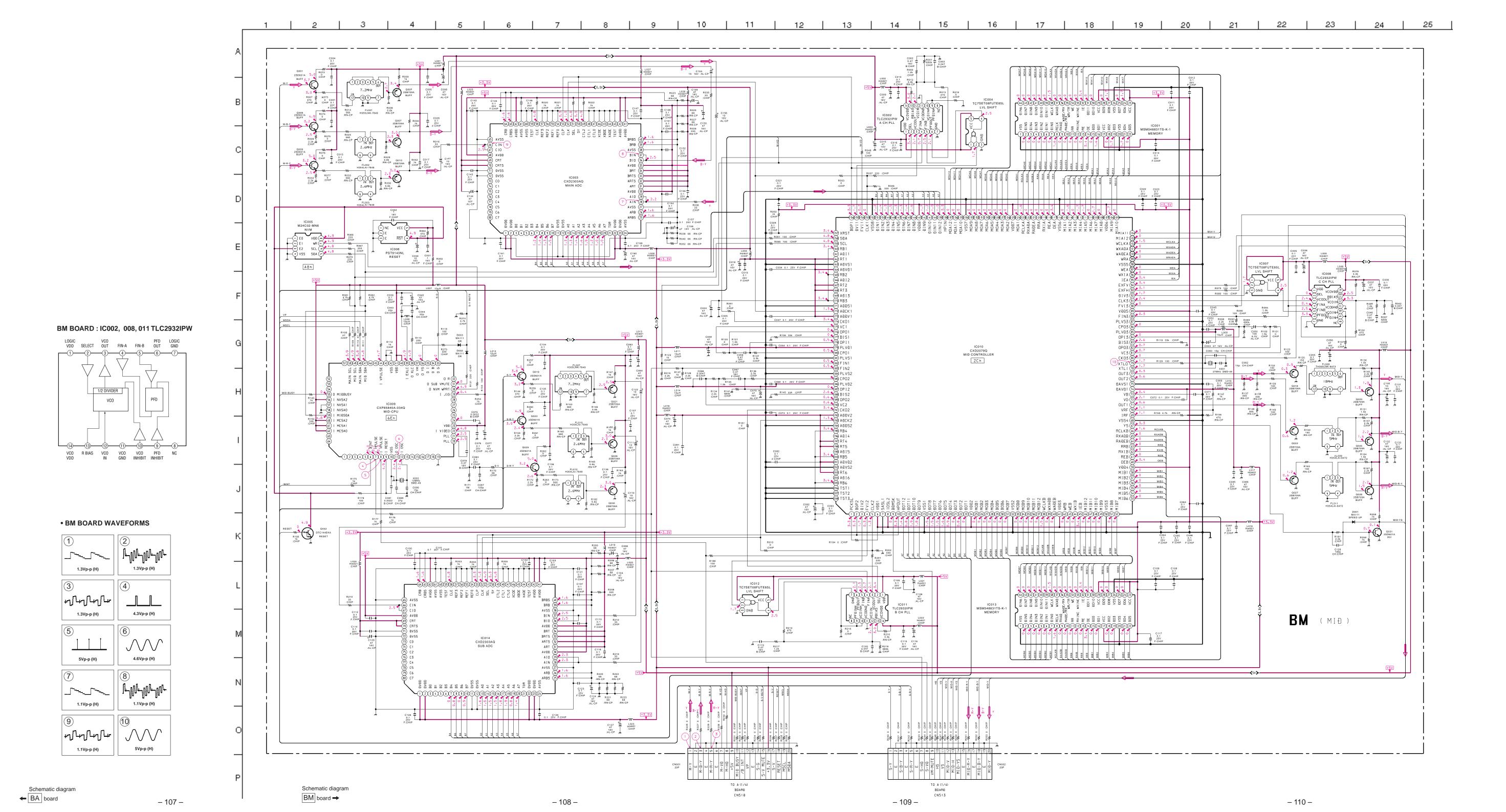


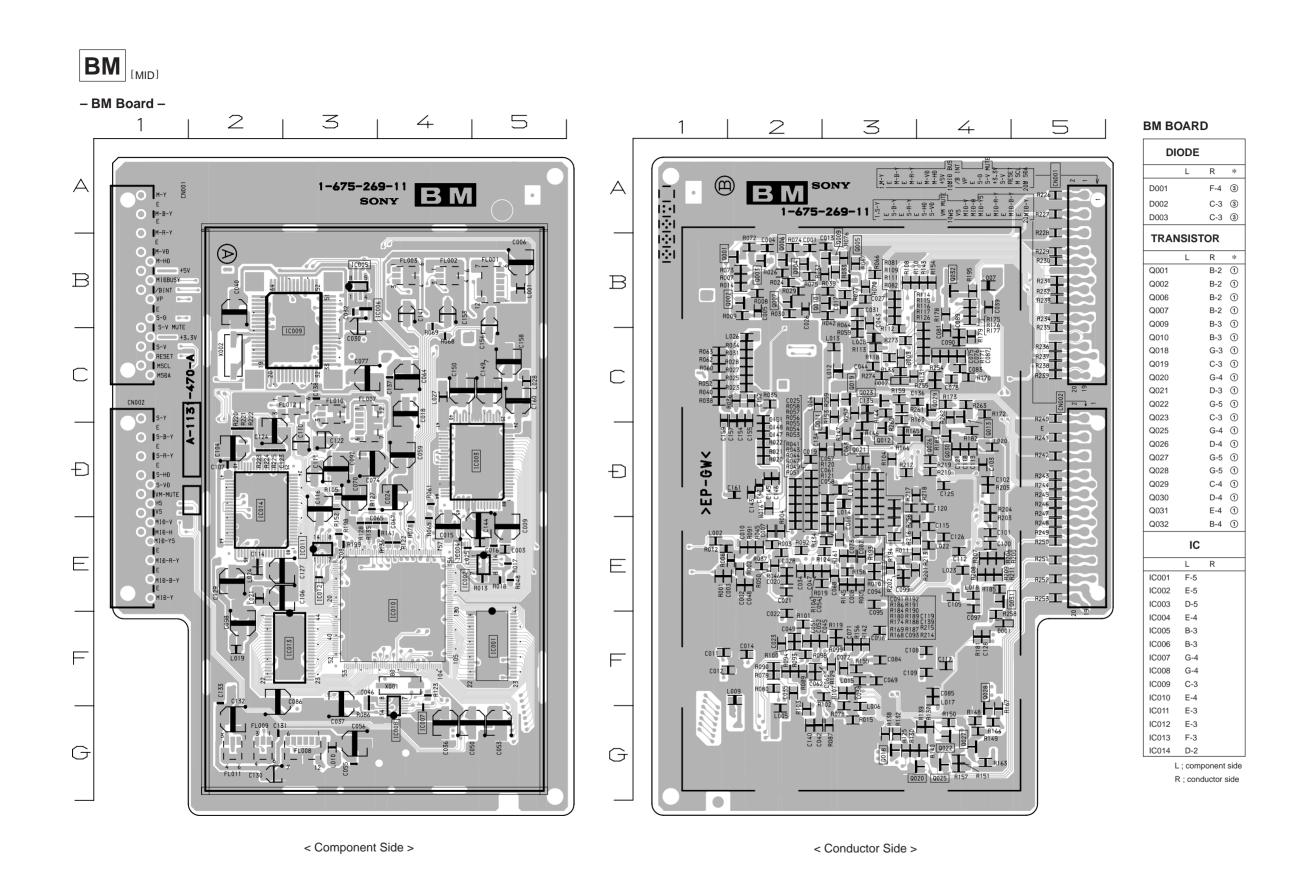
< Conductor Side >

BA BOARD

TRANSISTOR											
	L	R	*								
Q2401	C-4		2								
Q2402	C-4		2								
Q2403	C-4		2								
Q2404		C-2	1								
Q2405	C-4		2								
Q2406		C-2	1								
Q2407		C-2	1								
Q2408	B-4		2								
Q2409	B-4		2								
Q2410		B-2	1								
Q2411		A-2	1								
Q2412	A-5		2								
Q2413	A-4		2								
Q2414		A-2	1								
Q2415		B-2	1								
Q2416	B-5		2								
Q2417	B-4		2								
Q2418	C-3		2								
Q2419		B-2	1								
Q2421		C-3	1								
Q2422	C-3		2								
	IC										
	L	R									
IC2401	B-1										
IC2402	B-2										
IC2403		B-3									

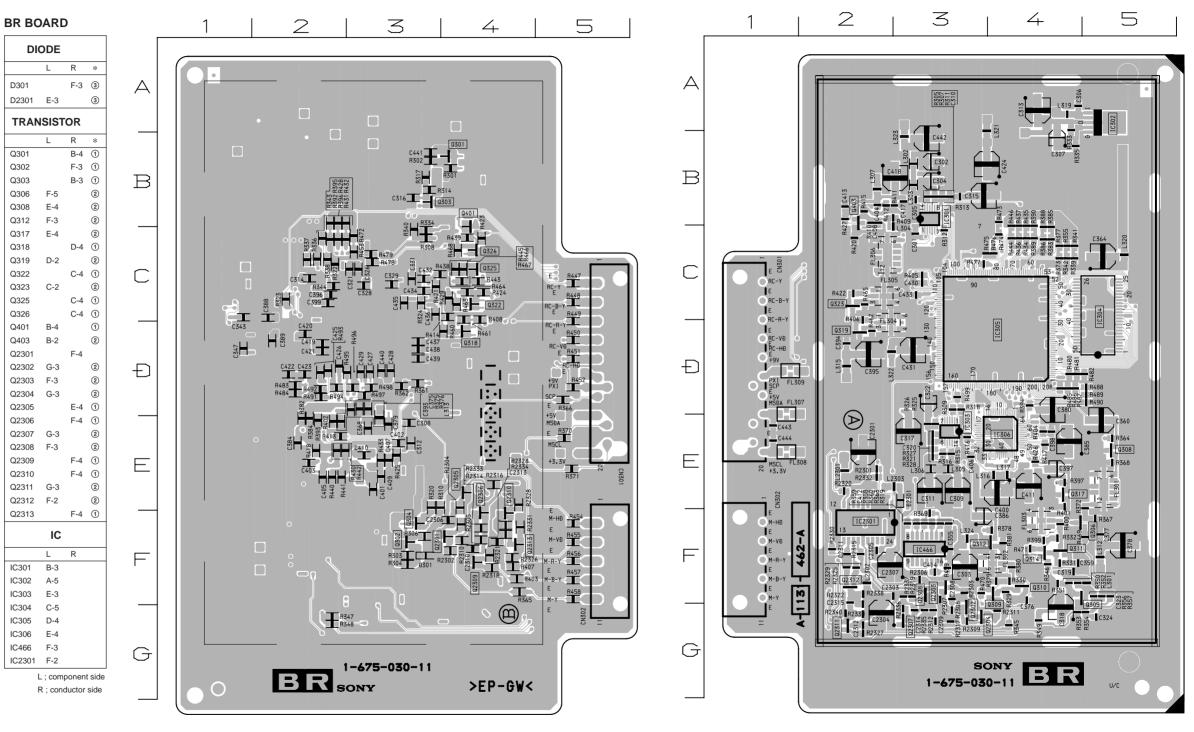
L; component side R; conductor side





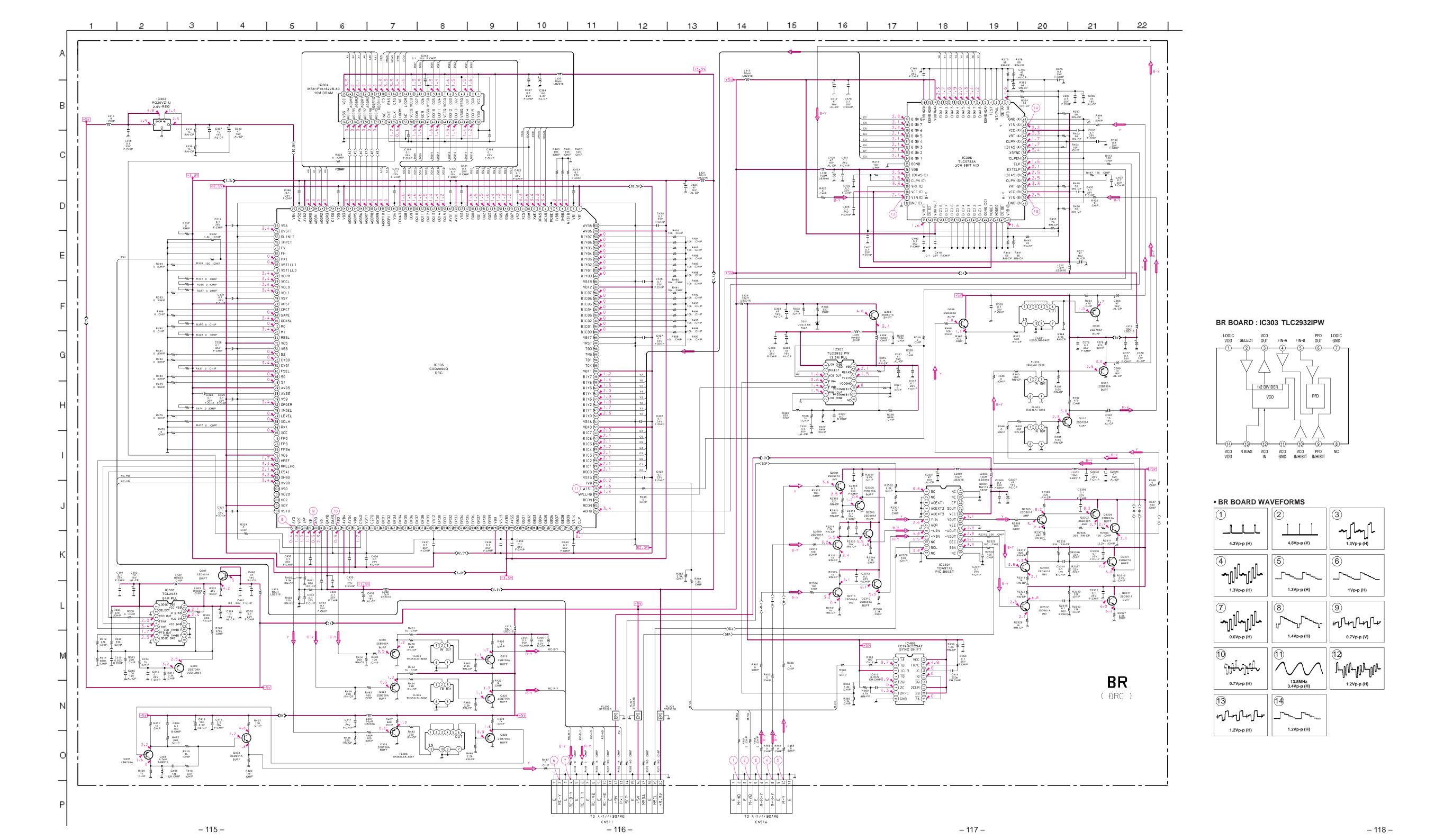


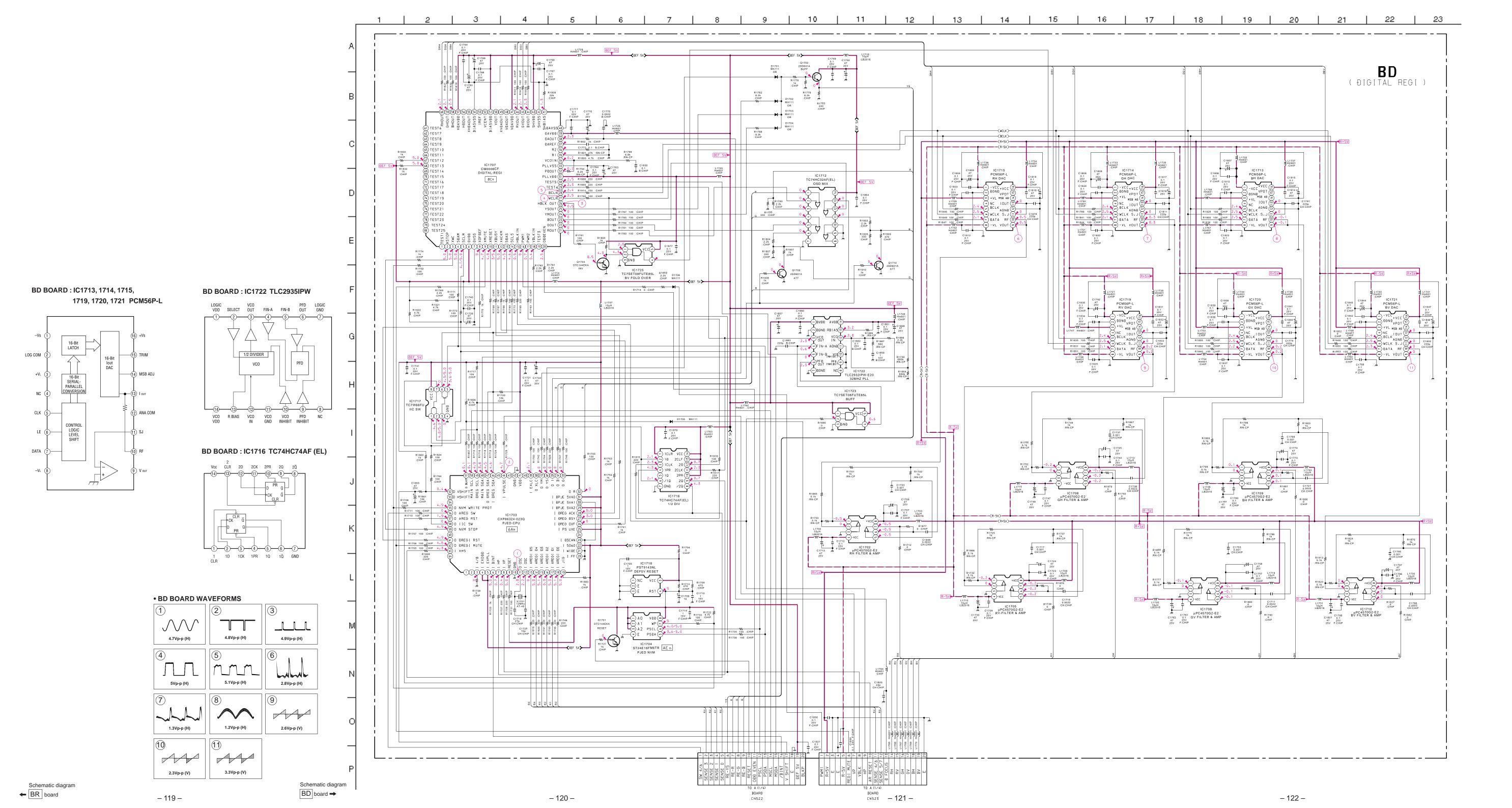
- BR Board -

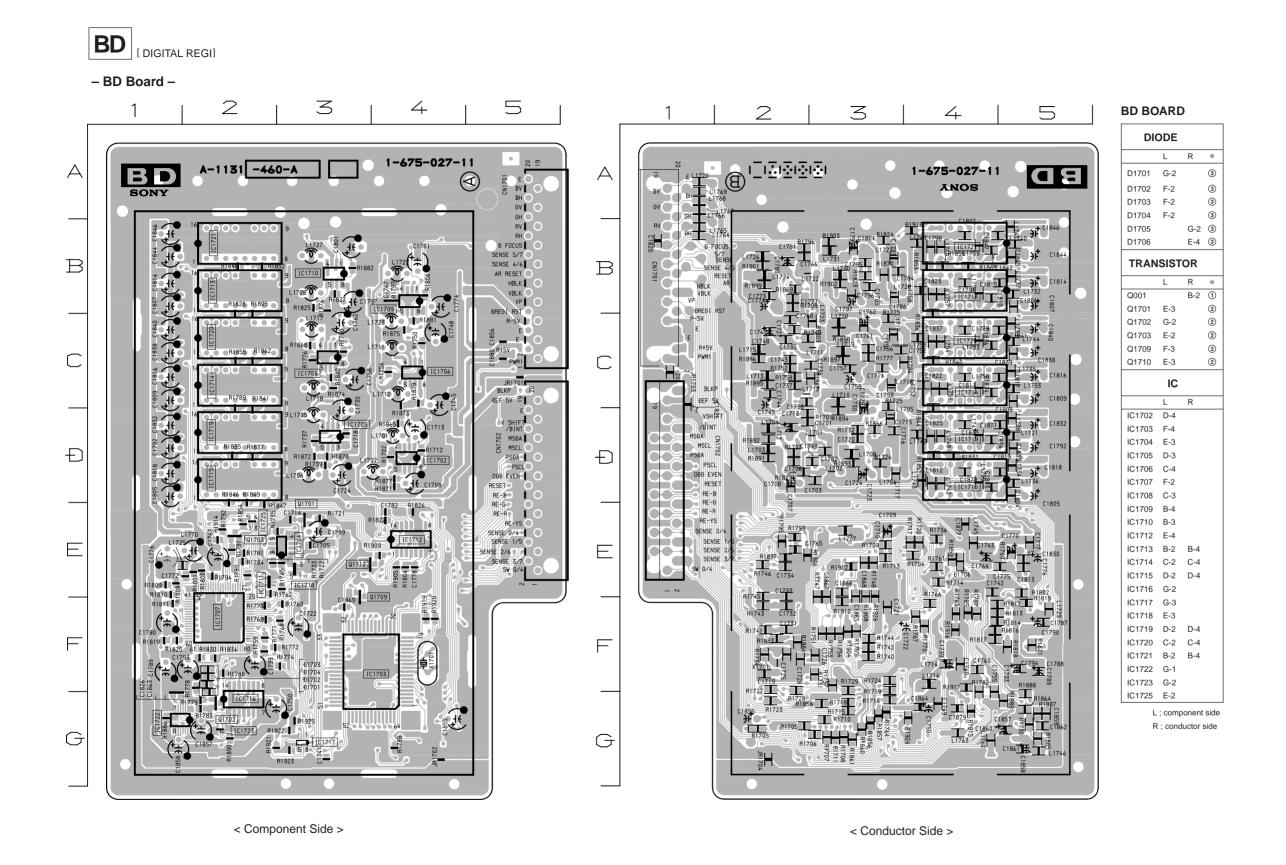


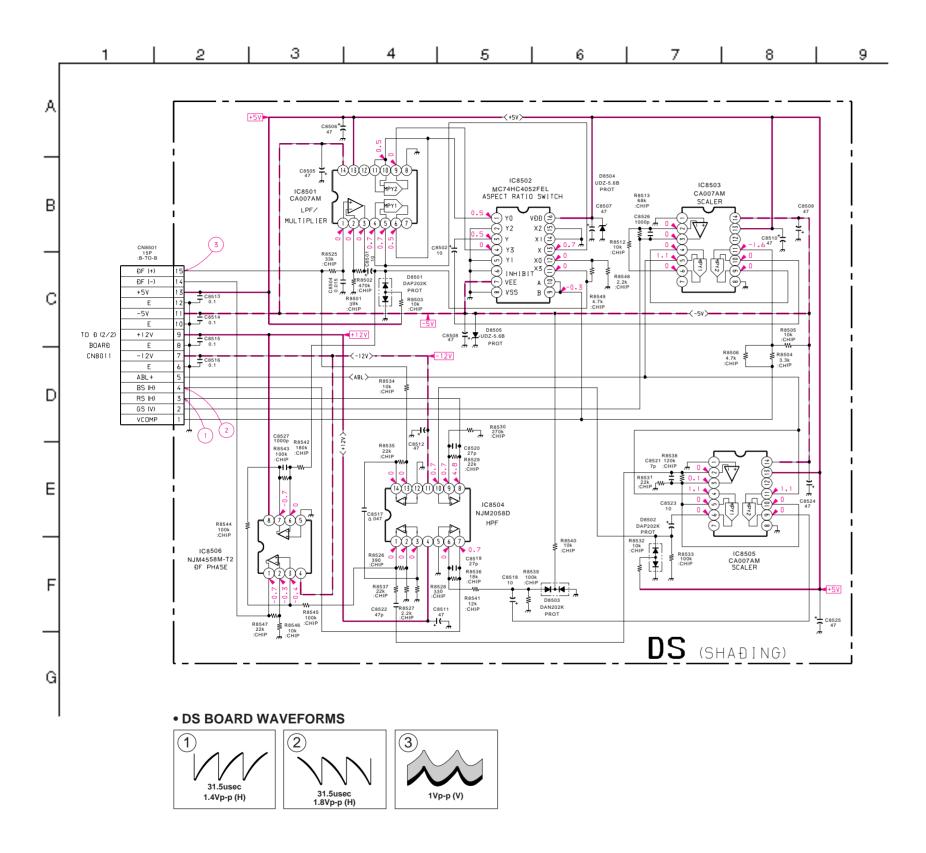
< Component Side > < Conductor Side >

– 113 –



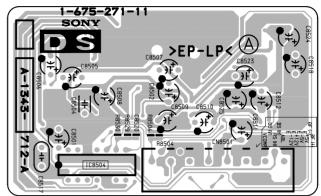




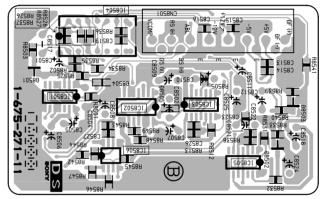




- DS Board -

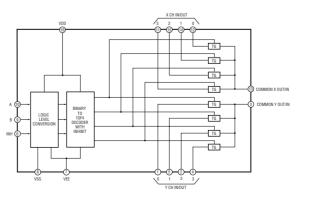


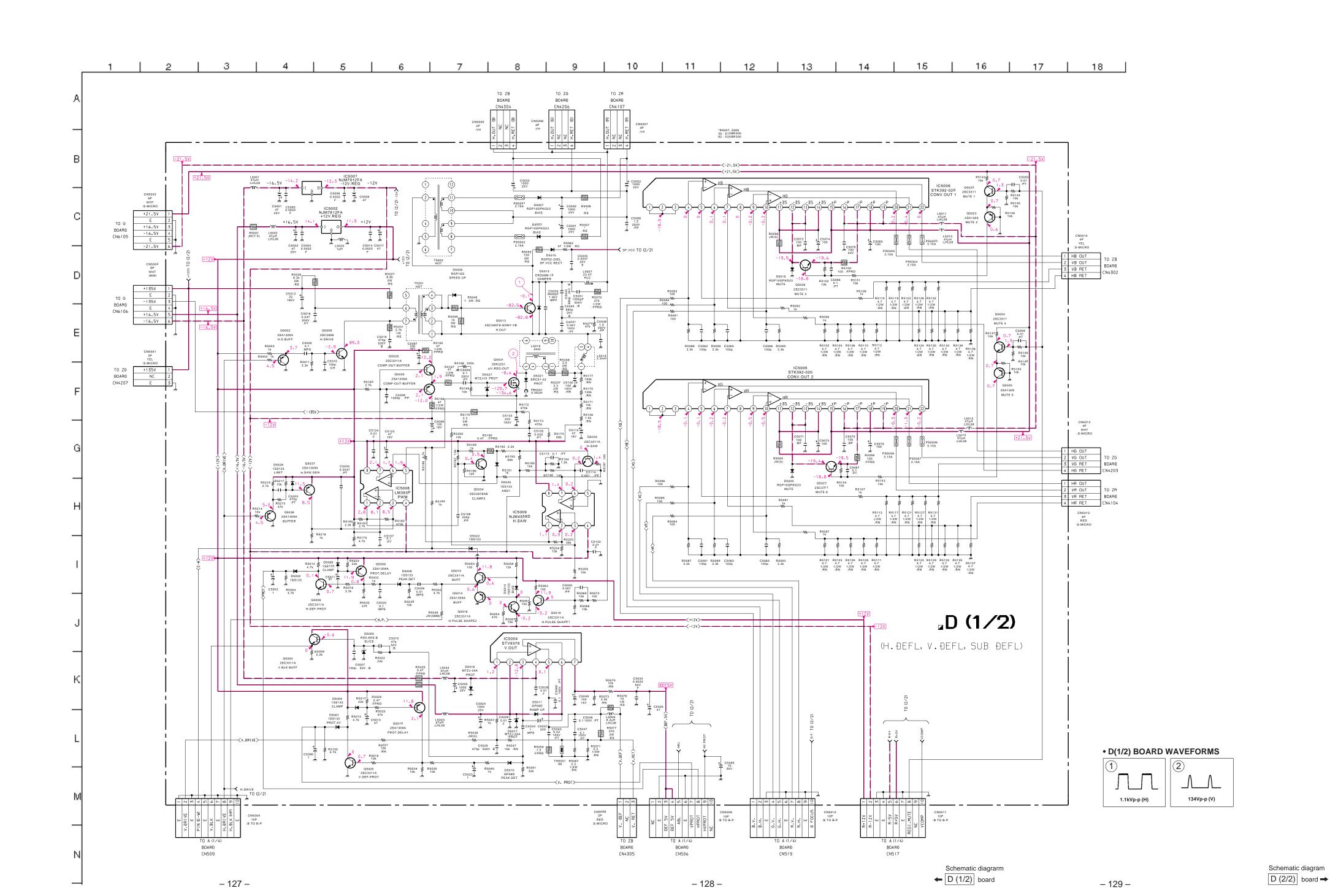
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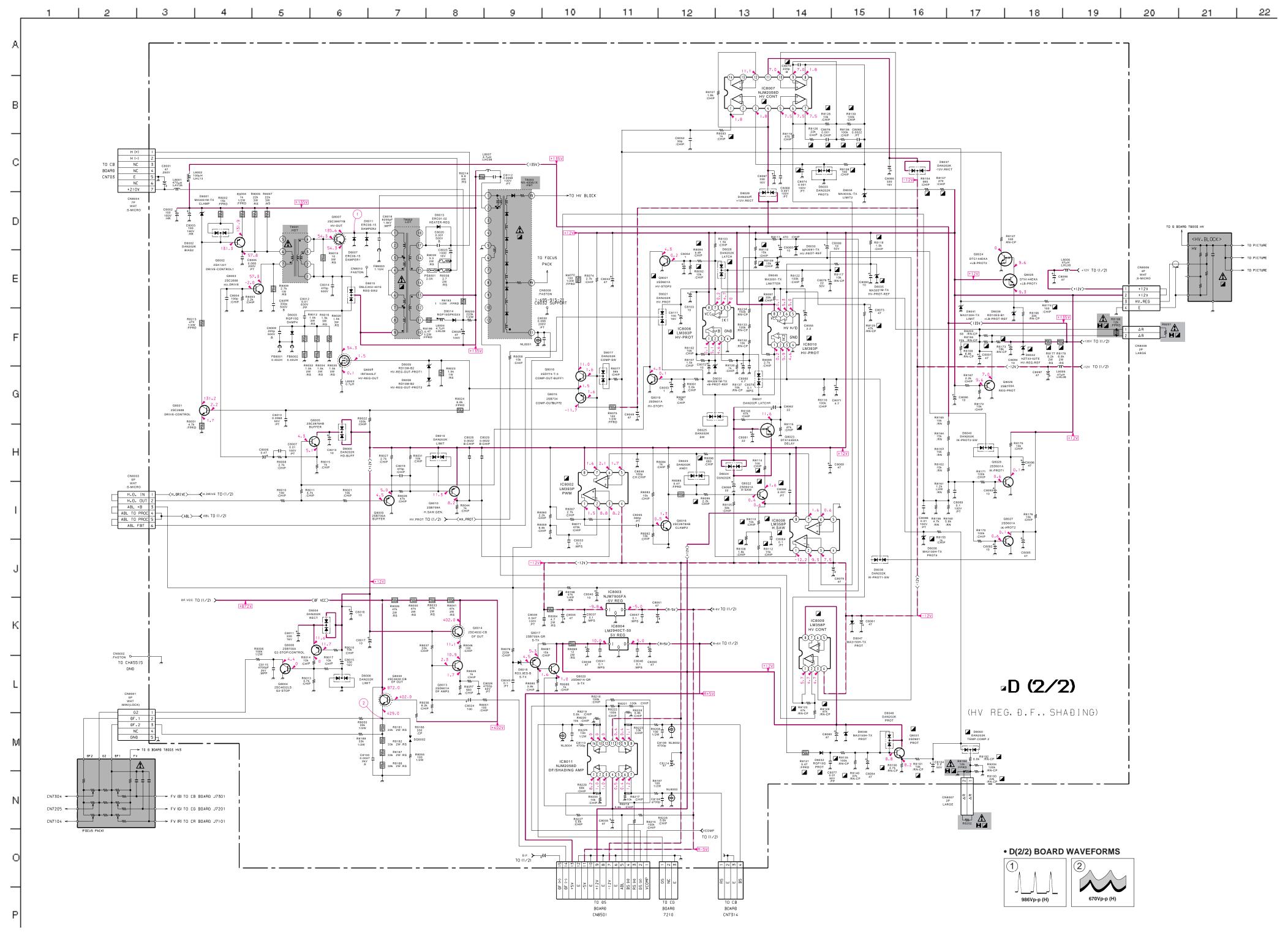


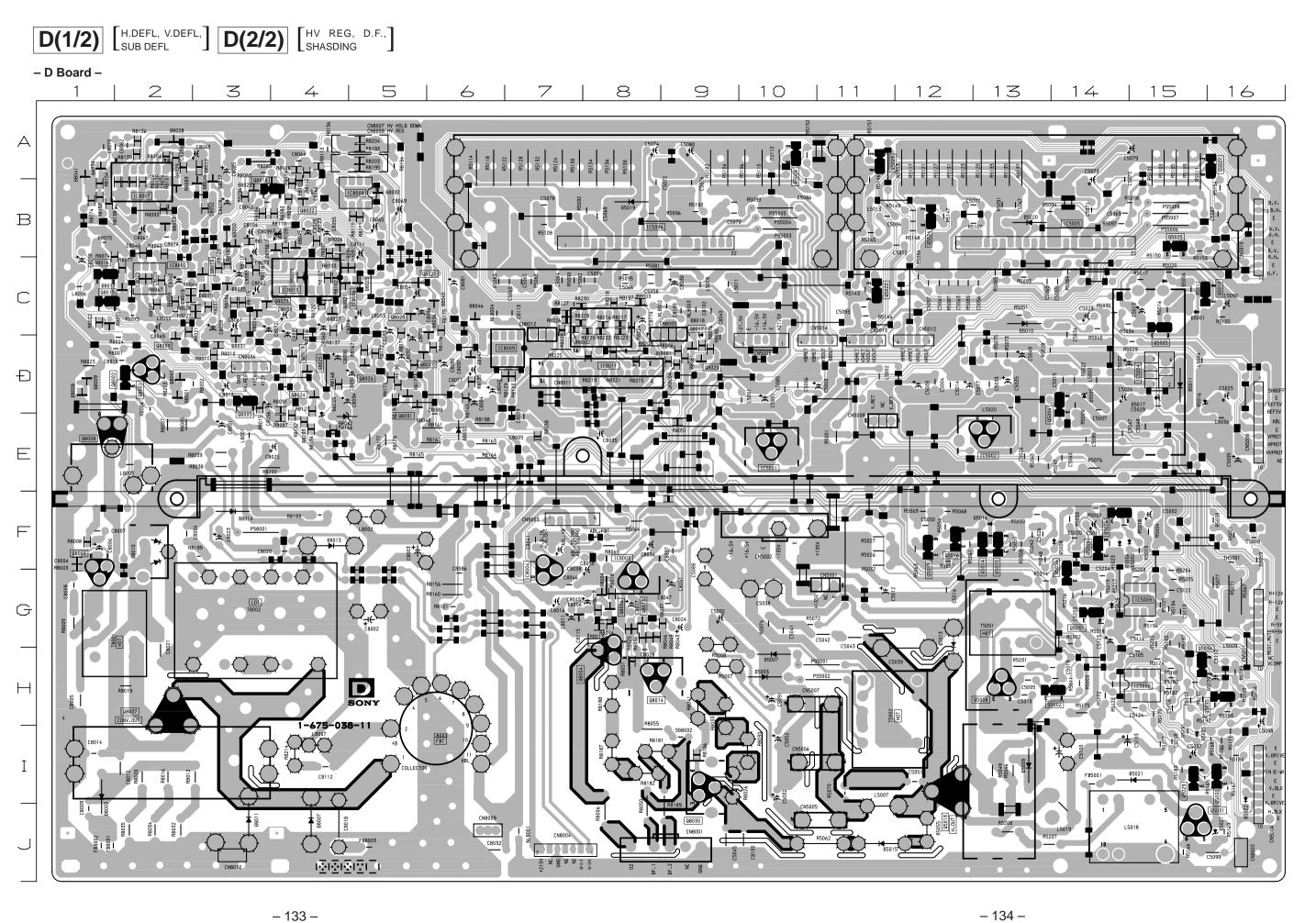
< Conductor Side >

DS BOARD : IC8502 MC74HC4052FEL



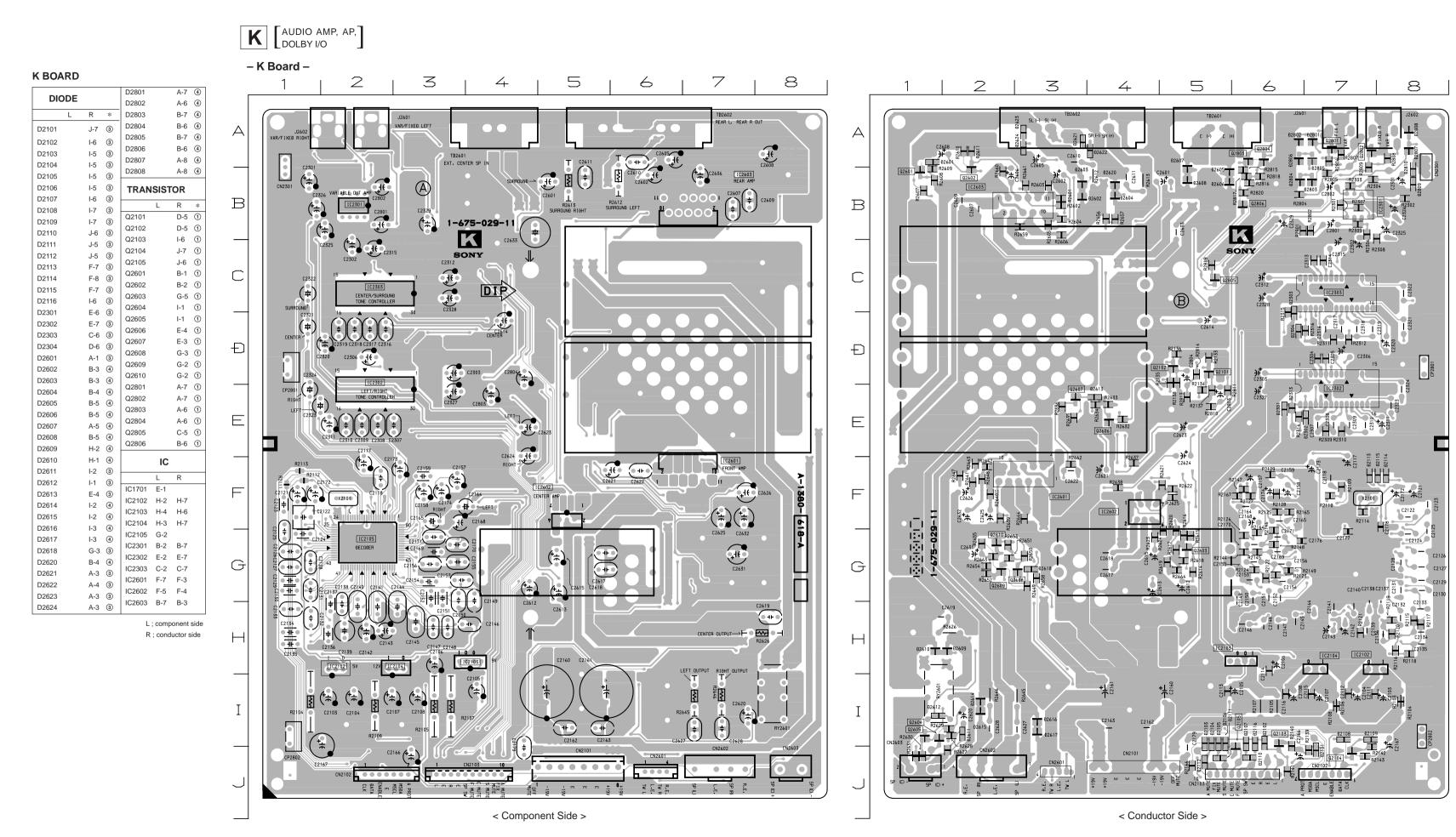


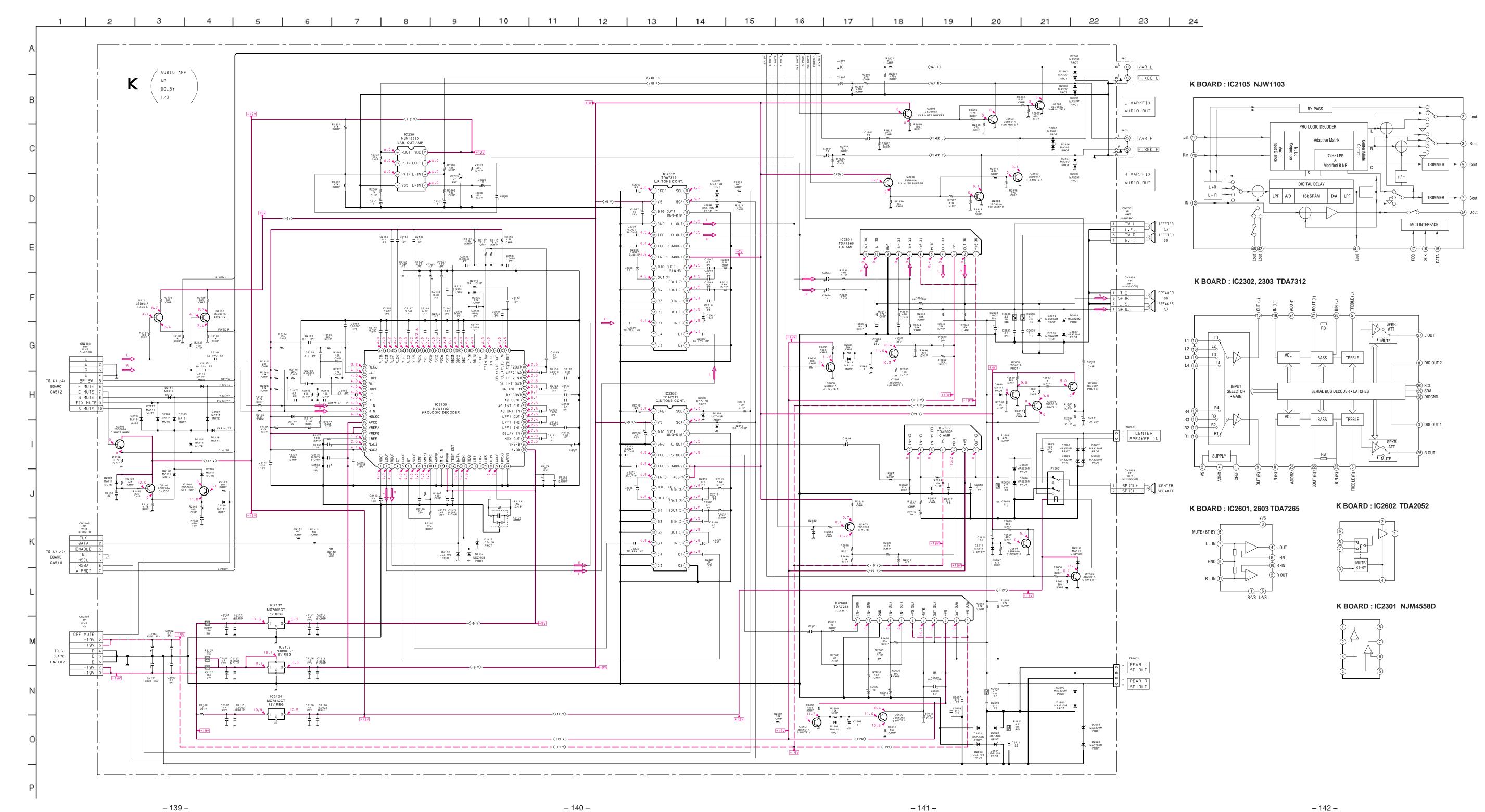




D BOARD

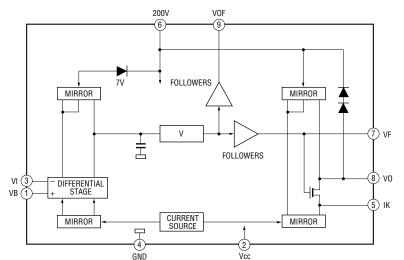
D BOP	IKD							
DIC			D8029	B-2	8	Q8002	D-2	-
DIC	DDE		D8030	B-5	4	Q8003	F-1	-
D5001	C-15	-	D8031	D-3	4	Q8004	H-8	-
D5002	F-14	-	D8032	E-6	-	Q8005	D-3	-
D5003	H-10	-	D8033	B-2	8	Q8006	G-8	1
D5004	C-15	-	D8034	A-1	4	Q8007	H-2	-
D5005	D-14	-	D8035	C-3	4	Q8008	E-1	-
D5006	F-14	-	D8036	C-6	8	Q8009	D-2	1
D5007	H-10	-	D8037	B-3	8	Q8010	C-3	1
D5008	F-14	-	D8038	B-4	4	Q8013	G-8	1
D5009	I-13	-	D8039	D-4	-	Q8014	H-8	-
D5010	C-13	-	D8040	C-6	8	Q8015	C-1	-
D5011	D-15	-	D8041	A-1	4	Q8016	C-1	-
D5013	G-12	-	D8042	E-4	-	Q8017	D-9	1
D5014	F-13	-	D8045	B-4	4	Q8018	B-3	-
D5015	J-11	-	D8046	C-6	4	Q8019	D-4	1
D5016	D-15	-	D8047	D-6	4	Q8020	D-9	1
D5017	D-15	-	D8048	D-5	8	Q8021	C-5	1
D5019	B-8	-	D8050	B-3	8	Q8022	B-4	1
D5020	B-13	-	TDAN	OLOTA		Q8023	C-3	1
D5021	I-15	-	IRAN	ISISTO)K	Q8024	D-4	1
D5022	I-16	-	Q5002	H-14	-	Q8025	D-4	1
D5025	I-15	-	Q5004	D-14	-	Q8026	D-5	1
D5027	J-16	-	Q5005	C-15	-	Q8027	D-5	1
D5028	G-14	-	Q5006	F-14	-	Q8028	C-5	1
D8001	D-2	4	Q5008	H-13	-	Q8030	I-10	-
D8002	D-2	8	Q5009	F-14	-	Q8031	D-5	1
D8003	I-1	-	Q5010	C-15	-		IC	
D8004	G-8	8	Q5013	I-12	-		10	
D8005	C-1	8	Q5014	F-13	-	IC5001	E-10	
D8006	G-7	8	Q5015	F-13	-	IC5002	E-13	
D8007	J-4	4	Q5016	F-12	-	IC5004	D-15	
D8008	D-1	4	Q5019	F-12	-	IC5005	B-14	
D8009	D-1	4	Q5022	C-11	-	IC5006	B-8	
D8010	F-2	8	Q5023	A-11	-	IC5008	H-15	
D8011	J-3	4	Q5024	B-12	-	IC5009	G-15	
D8013	F-4		Q5025	B-15	-	IC8002	C-2	
D8014	F-3	-	Q5026	A-10	-	IC8003	G-8	
D8015	C-3	8	Q5027	A-16	-	IC8004	F-7	
D8017	C-2	8	Q5029	I-15	-	IC8006	C-4	
D8018	C-9	4	Q5030	I-16	-	IC8007	B-2	
D8021	C-4	8	Q5031	J-15	-	IC8008	B-5	
D8023	B-3	8	Q5034	H-15	-	IC8009	D-7	
	C-3	8	Q5035	H-16		IC8010	C-4	
D8024								
D8024 D8025	C-5	8	Q5036	F-14	-	IC8011	C-8	
D8025 D8026	B-4	8	Q5037	G-14	-	IC8011	C-8	
D8025		_			- - -	IC8011	C-8	



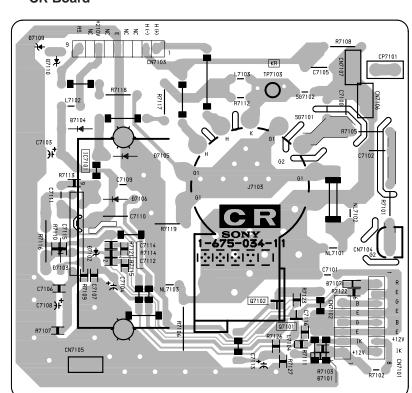


CR BOARD : IC7101 TDA6111Q/N4
CG BOARD : IC7201 TDA6111Q/N4
CB BOARD : IC7301 TDA6111Q/N4

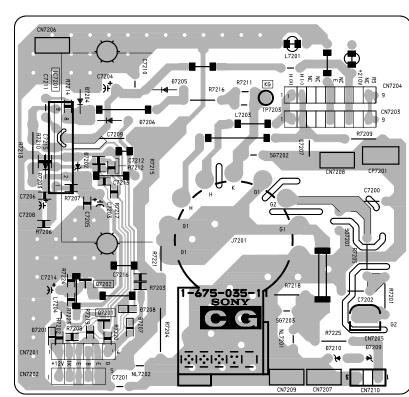
2000 VOF
6 9



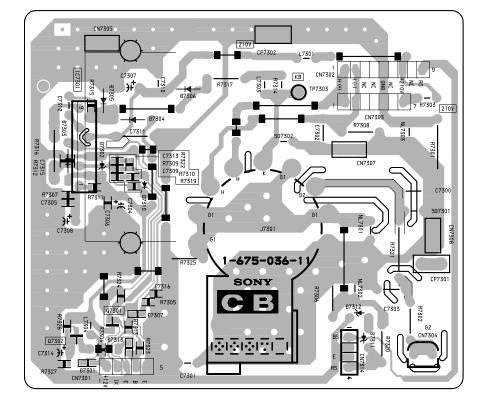


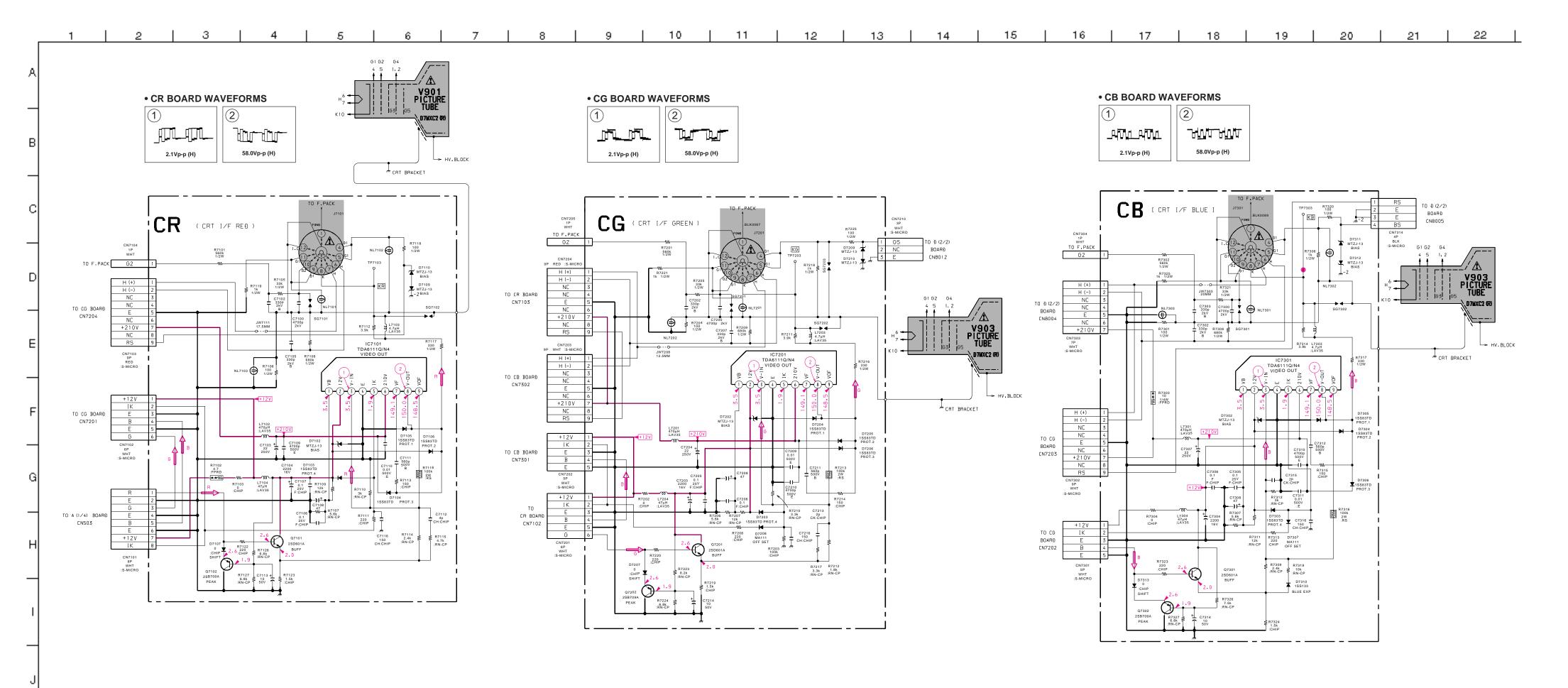


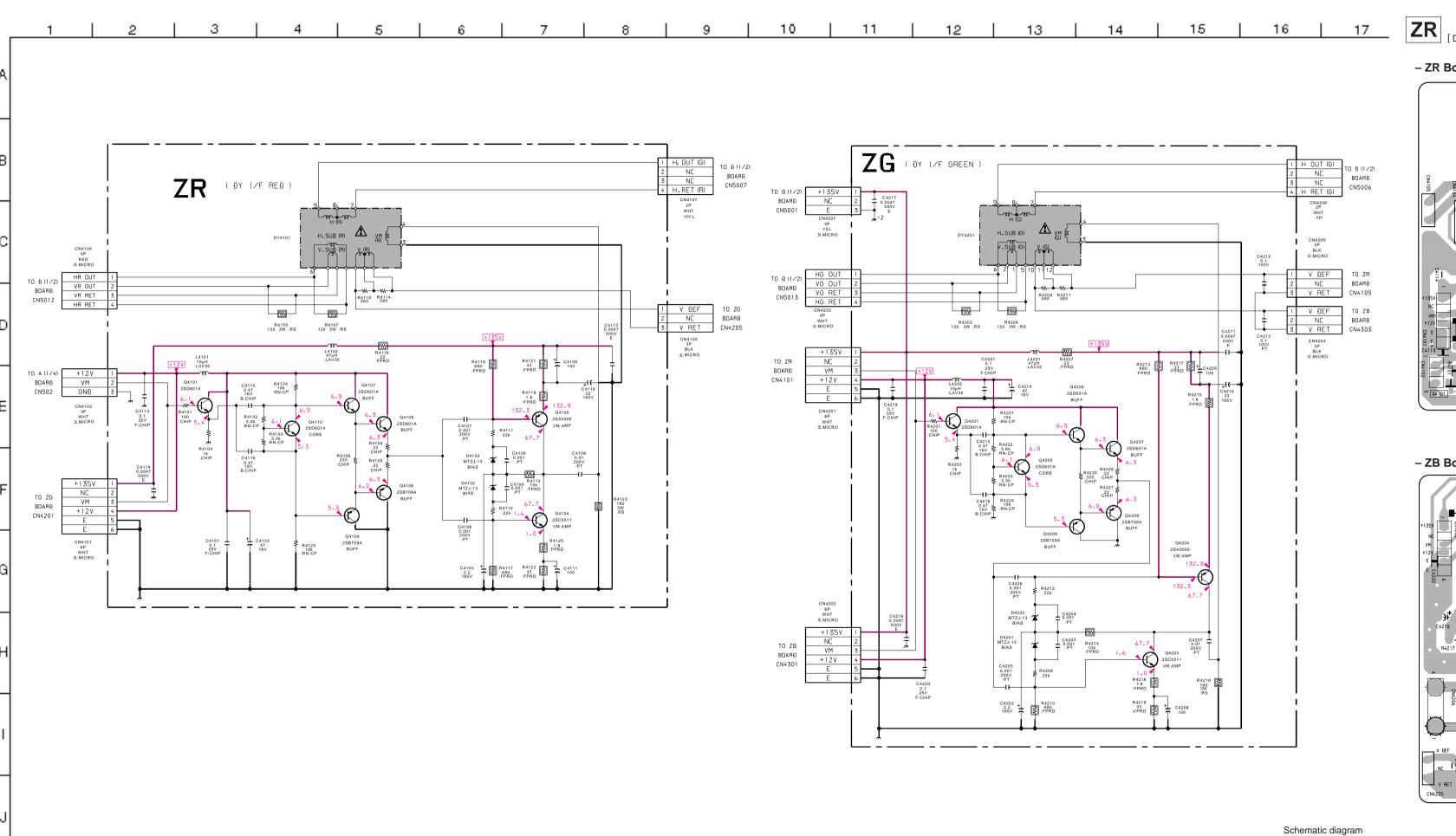




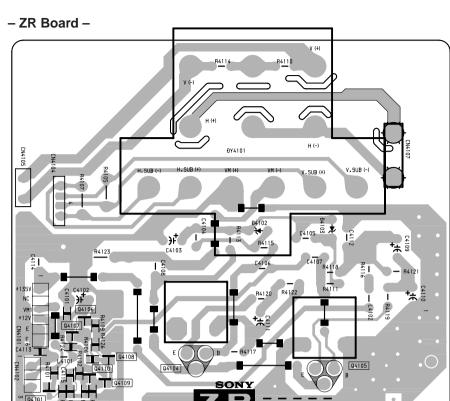




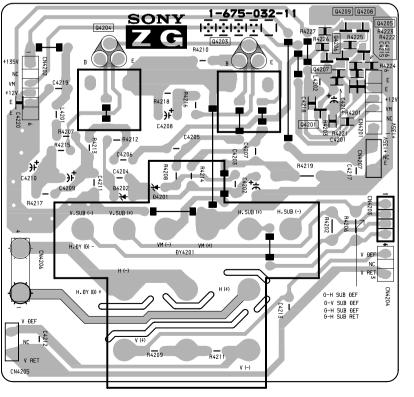


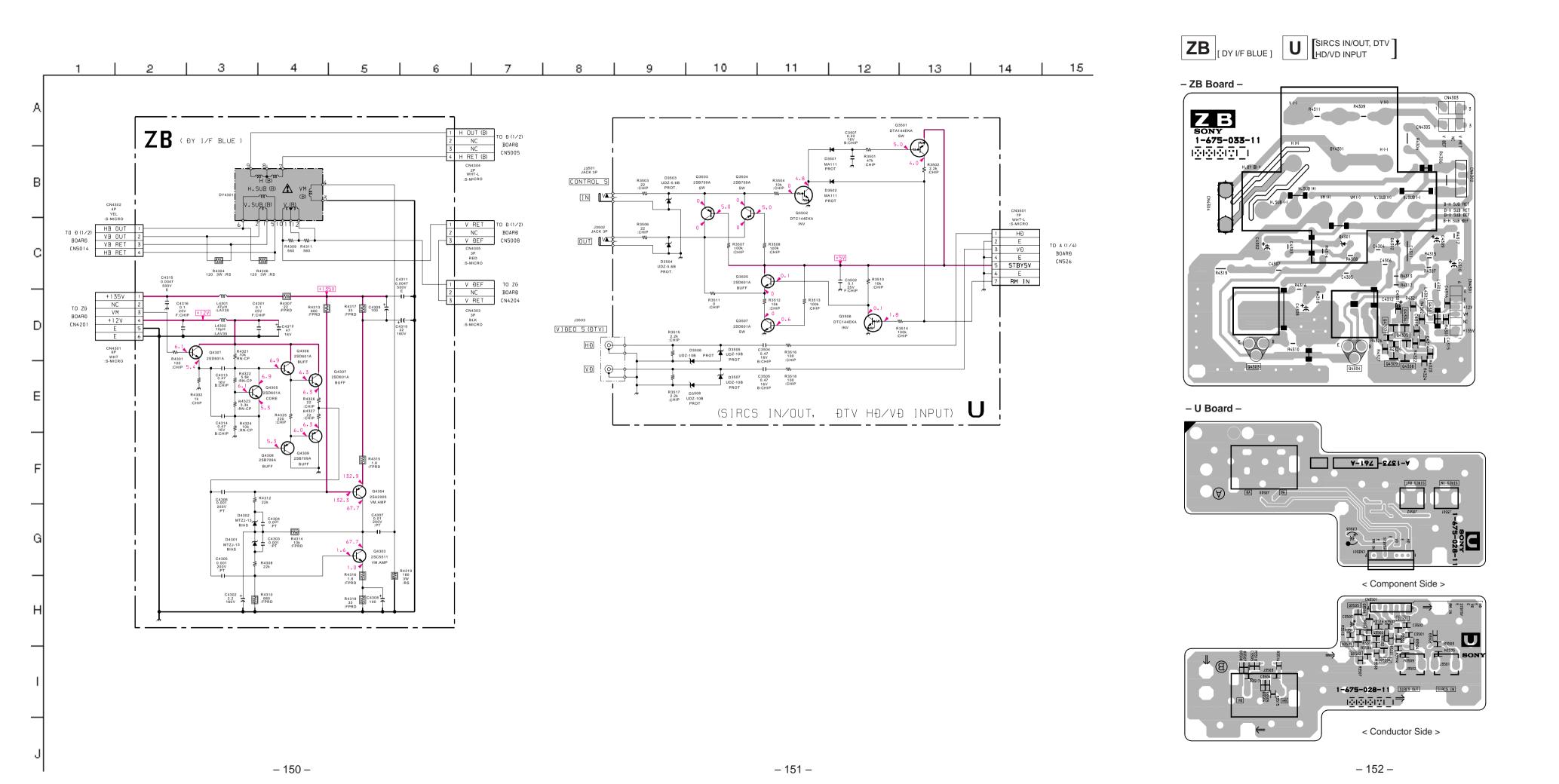


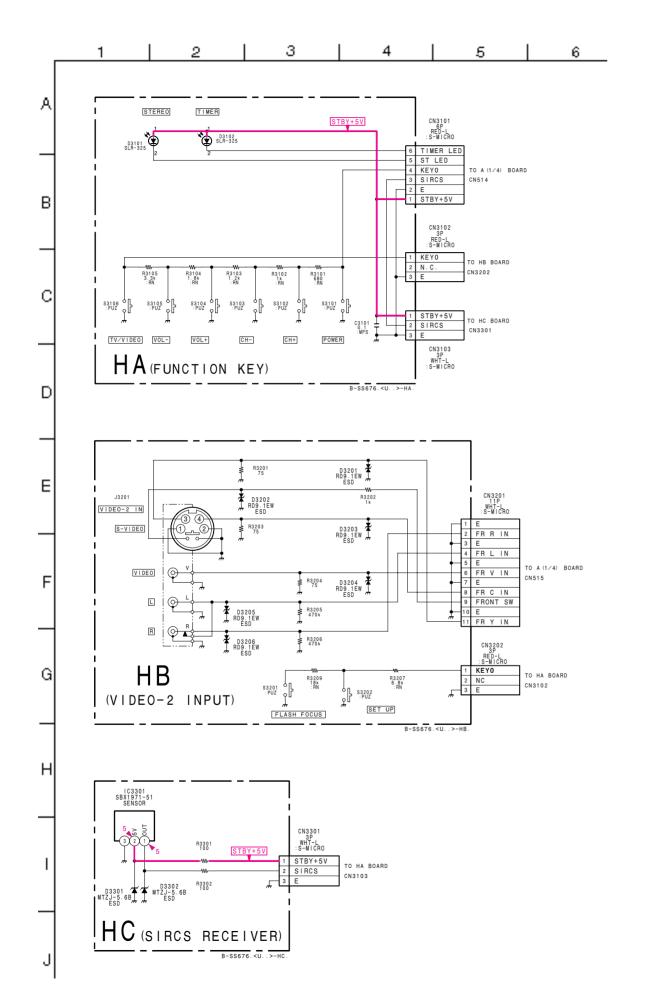
ZR [DY I/F RED] **ZG** [DY I/F GREEN]



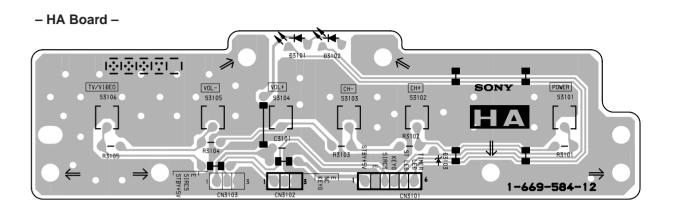
- ZB Board -



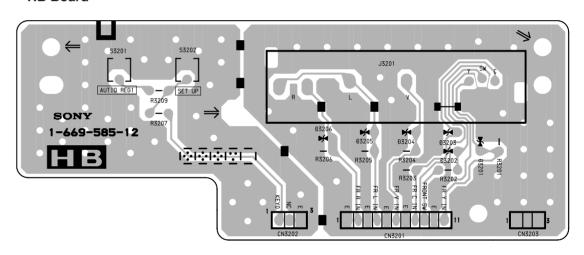




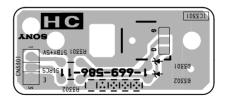




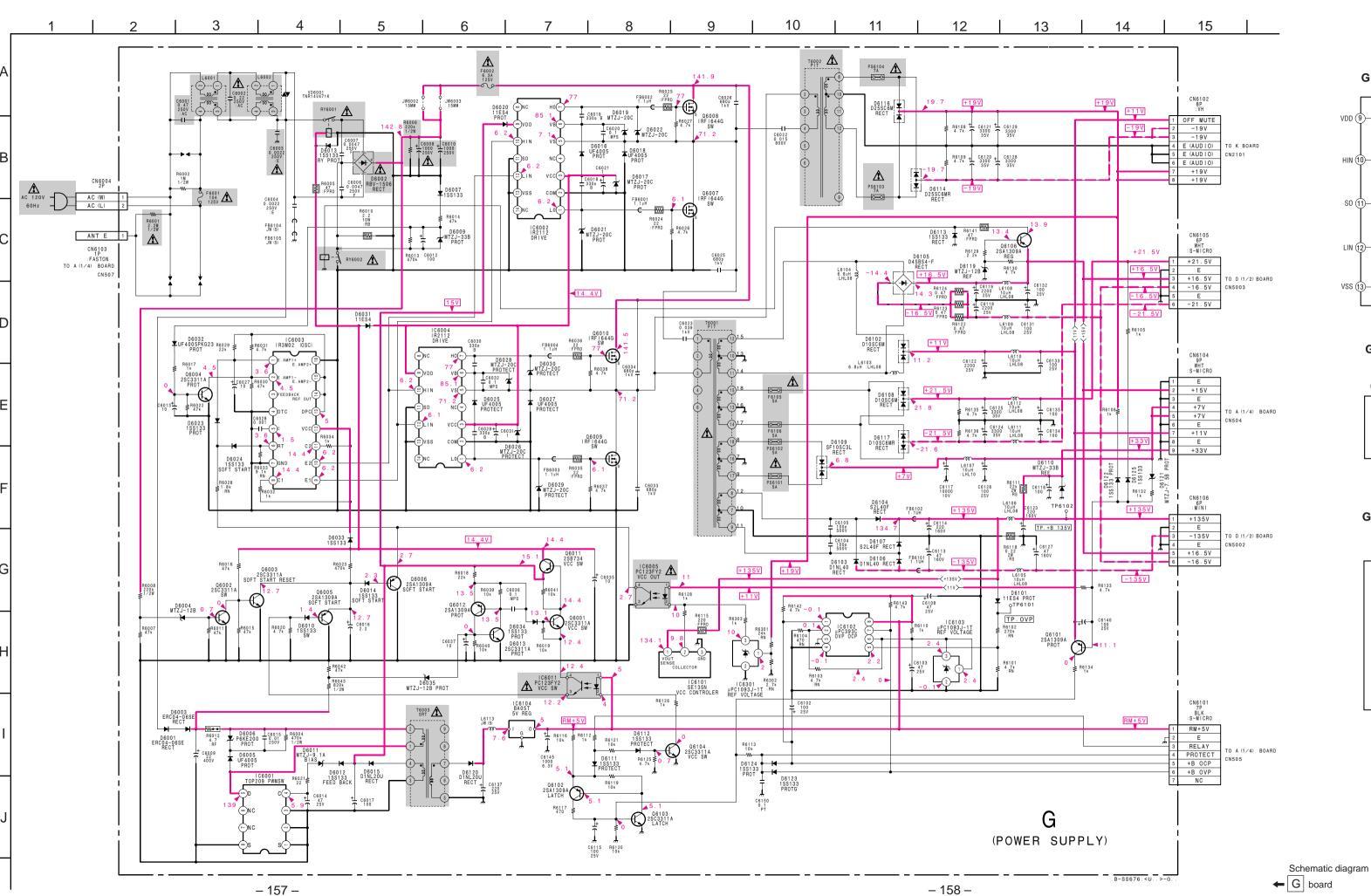
- HB Board -



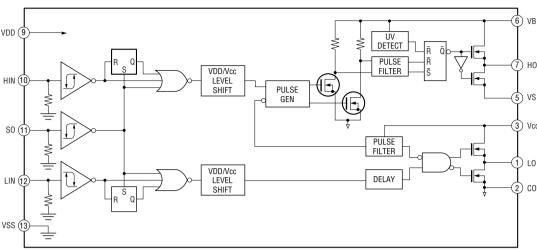
- HC Board -



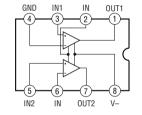
G [POWER SUPPLY] - G Board -**G BOARD** 5 10 D6111 DIODE D6112 B-9 D6113 E-8 D6001 G-8 H-7 D6002 D6116 C-1 D6003 G-9 D6117 D-9 D6004 I-2 D6119 D-10 D6120 E-10 F-9 D6006 D6007 H-6 D6122 B-4 D6009 H-5 \mathbb{B} D6123 A-9 D6010 J-4 D6124 A-9 D6011 F-8 D6125 F-8 D6012 J-7 D6013 TRANSISTOR J-4 D6014 J-3 Q6001 D6015 E-8 Q6002 J-4 Q6003 J-2 D6017 H-3 D6018 H-3 Q6005 J-4 D6019 H-3 J-4 Q6006 D6020 I-3 S A A F-4 Q6007 D6021 D6022 G-3 Q6009 F-2 Ð A-9 D6023 Q6010 G-2 D6024 A-9 J-3 Q6011 D6025 H-2 Q6012 J-3 D6026 Q6013 J-3 D6027 H-1 B-4 Q6101 D6028 H-2 Q6102 B-9 D6029 H-1 Q6103 B-9 D6030 G-2 Q6104 C-9 D6031 1-2 Q6106 C-10 H-5 D6032 I-2 D6033 IC J-3 D6034 IC6001 F-8 D6035 J-3 IC6002 I-3 C-5 D6101 J-2 D6102 D-8 IC6004 E-2 D6103 D-6 IC6005 E-1 D6104 D-6 SONY IC6011 E-1 D6105 E-7 1-669-587-15 IC6101 C-4 D6106 D-7 D6107 G IC6103 C-4 D6108 C-9 C-10 IC6104 D6109 D-5 IC6301 D-2 Н



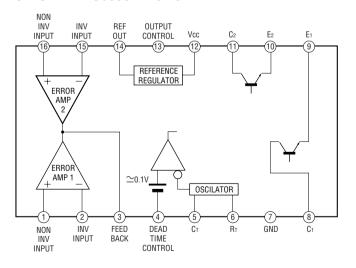
G BOARD: IC6002, 6004 IR2112



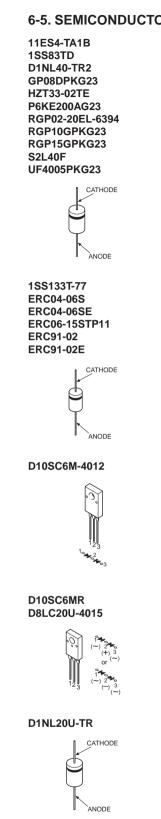
G BOARD: IC6102 uPC393C

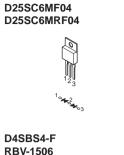


G BOARD: IC6003 LR3M02



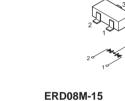
6-5. SEMICONDUCTORS



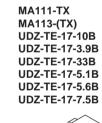


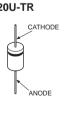


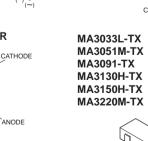
















MTZJ-T-77-7.5B

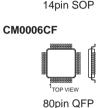
MTZJ-T-77-9.1A

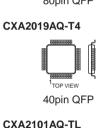
MTZN-T-77-10

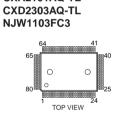
RD9.1EW-T1

SF10SC3L

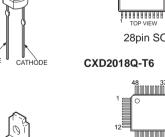


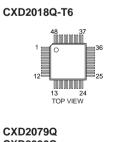




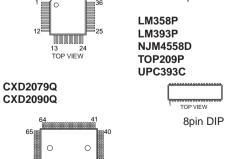


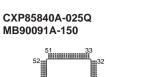






TOP VIEW 208pin QFP





M24C02-MN6T

M24C08-MN6T

NJM2533M(TE2)

ST24E16FM6TR

UPC4570G2-E2

TC7W66FU(TE12R)

MB81F161622B-80FN

8pin SOP

50pin SOP

MC14053BFEL

PCM56P-L

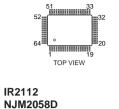
MC74HC4052FEL

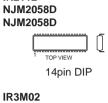
TC74HC123AF(EL)

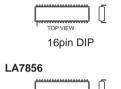
TC74HC4052AF(EL)

HERRESHEES,

16pin SOP









PQ09RF21

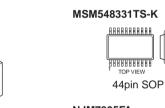
LM358DR

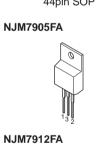
LM393PS-E20

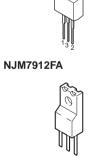
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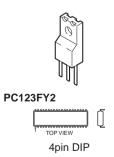
NJM4558M-T2

8pin SOP

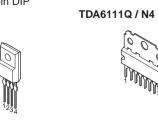


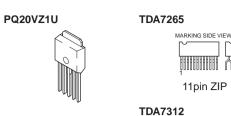


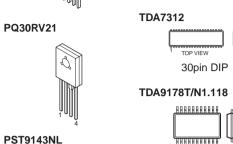


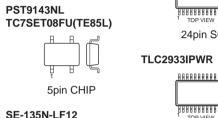


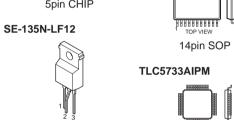
PQ05RF21











STK392-020

STV9379

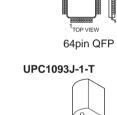
TDA2052

TC7W04FU-TE12L

TC7W08FU(TE12R)

8pin CHIP

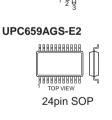
MARKING SIDE VIEW



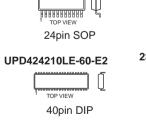


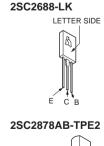
30pin DIP

24pin SOP



UPD64081BGF-3BA





2SA1226-T1E3E4

2SB709A-QRS-TX

2SD601A-QRS-TX

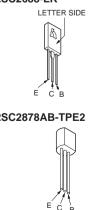
DTA144EKA-T146

DTC114EKA-T146

DTC144EKA-T146

2SA2005

2SC5511

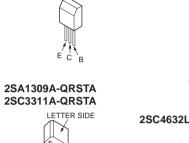


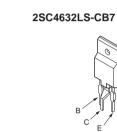
2SC3997S-SONY-YB

2SC3997-YB

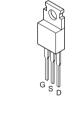


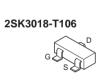


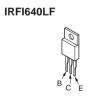


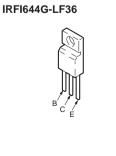












SECTION 7 EXPLODED VIEWS



remark column

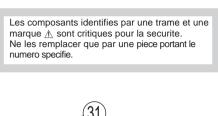
 Items with no part number and no description are not stocked because they

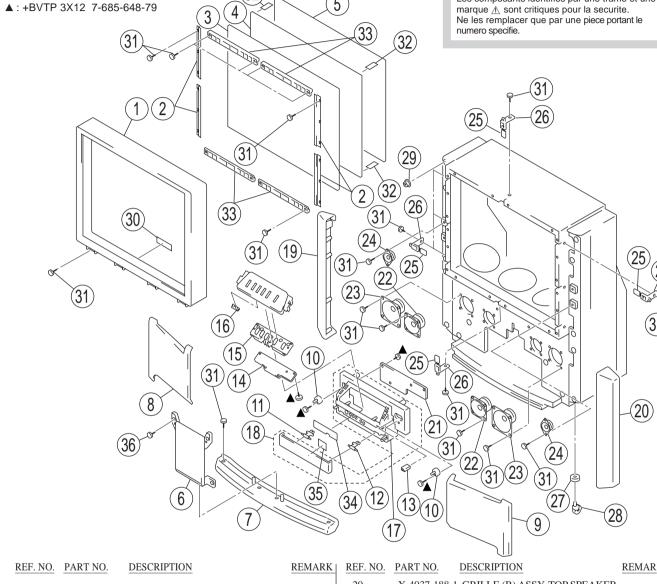
7-1. COVER (KP-53XBR300)

are seldom required for routine service The construction parts of an assembled part are indicated with a collation number in the

• Items marked " * " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

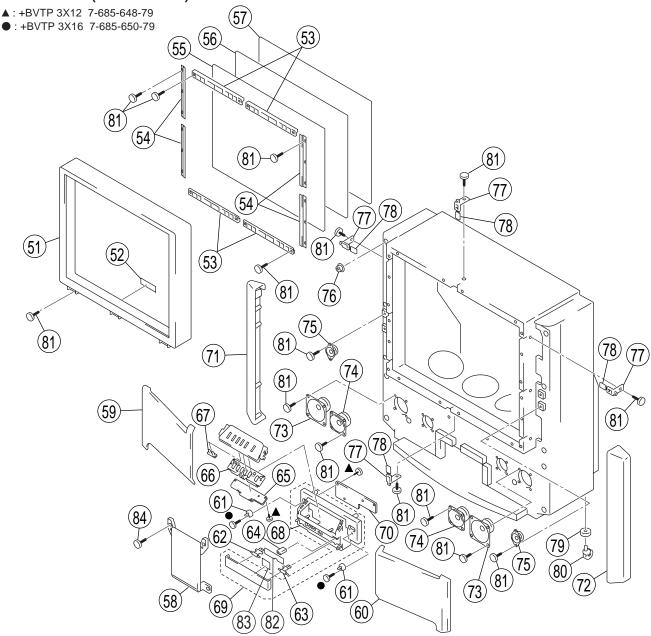
The components identified by shading and mark /\ are critial for safety. Replace only with part number specified.





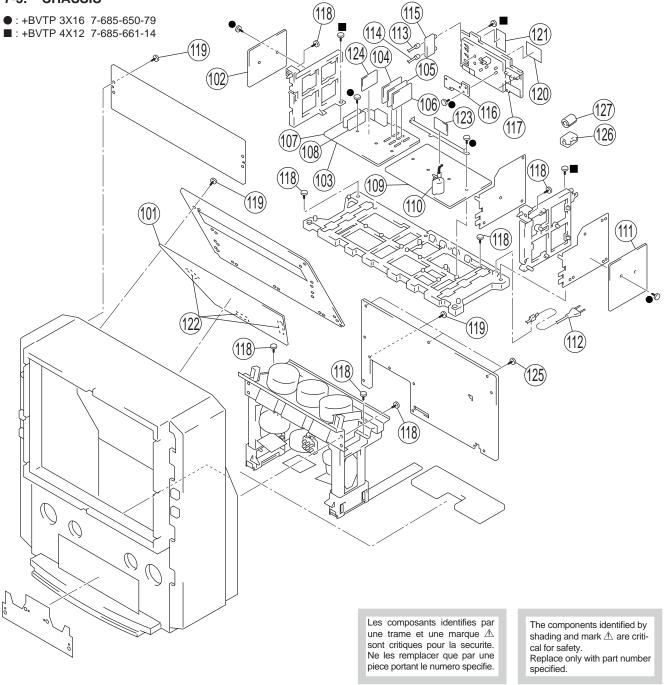
EF. NO.	PART NO.	DESCRIPTION	REMARK	REF. NO.	PART NO.	DESCRIPTION	REMARK
1 *	* X-4037-187-1	FRAME ASSY, SCREEN		20	X-4037-188-1	$GRILLE\left(R\right) ASSY, TOPSPEAKER$	
2	4-065-780-01	HOLDER (S), SCREEN					
3		SCREEN (53AR), CONTRAST		21	* A-1372-449-A	HB BOARD, COMPLETE	
1		PLATE (L), DIFFUSION		22	1-505-914-11	SPEAKER (10cm)	
		PLATE (F), DIFFUSION		23	1-505-915-11	SPEAKER (13cm)	
,	4 070 202 11	TEME (1), BITT OBIOIT		24	1-505-916-11	SPEAKER (5.2cm)	
5 *	× X-4035-897-1	PANEL ASSY, FRONT		25	1-528-911-11	BATTERY, SOLAR	
		SKIRT, FRONT					
, 2		GRILLE (L) ASSY,BOTTOM SPEA	KER	26	* 4-063-422-01	BRACKET, SENSOR	
3		GRILLE (R) ASSY,BOTTOM SPEA		27	4-030-850-01	SOCKET, CASTER	
10	4-054-709-01	. , , , ,	KLK	28	4-039-546-01	CASTER	
10	4-054-707-01	STRIKE		29	4-063-421-01	LATCH (K)	
11	4-045-250-01	DAMPER		30	* A-1372-450-A	HC BOARD, COMPLETE	
12	3-703-035-11						
13		CATCHER, PUSH		31	4-378-522-31	SCREW (4X20), TAPPING	
		A HA BOARD, COMPLETE		32	7-632-661-51	BLACK ACETATE (2142) 23X50mi	n
15		BUTTON, MULTI		33		HOLDER, SCREEN	
13	4-003-406-02	BUTTON, MULTI		34		LABEL, SUB CONTROL	
16	4 062 400 01	GUIDE, LED		35		CUSHION, DOOR	
17		PANEL, CONTROL				,	
				36	4-378-522-11	SCREW, TAPPING, HEXAGON HE	EAD
18		PANEL (ASSY)			. 5.5 522 11	Zeraz, mara .e, mara leon ma	
19	A-403/-189-1	GRILLE (L) ASSY, TOP SPEAKER	'				

7-2. COVER (KP-61XBR300)



REF. NO.	PART NO.	DESCRIPTION	REMARK	REF. NO.	PART NO.	DESCRIPTION	REMARK
51	* X-4037-192-1	FRAME ASSY, SCREEN		68	4-063-405-01	PANEL, CONTROL	
52	* A-1372-450-A	A HC BOARD, COMPLETE		69	4-065-741-11	PANEL (ASSY)	
53	4-044-726-11	HOLDER (L), SCREEN		70	* A-1372-449-A	HB BOARD, COMPLETE	
54	4-044-727-01	HOLDER (S), SCREEN					
55	4-065-813-01	SCREEN (61AR), CONTRAST		71	X-4037-193-1	GRILLE (L) ASSY, TOP SPEAKER	
				72	X-4037-194-1	GRILLE (R) ASSY, TOP SPEAKER	_
56	4-070-283-11	PLATE (L), DIFFUSION		73	1-505-917-11	SPEAKER (16cm)	
57	4-066-082-11	PLATE (F), DIFFUSION		74	1-505-914-11	SPEAKER (10cm)	
58	X-4035-890-1	PANEL ASSY, FRONT		75	1-505-916-11	SPEAKER (5.2cm)	
59	X-4037-196-1	GRILLE (L) ASSY, BOTTOM SPEA	KER				
60	X-4037-195-1	GRILLE (R) ASSY, BOTTOM SPEA	KER	76	4-063-421-01	LATCH (K)	
				77	* 4-063-422-01	BRACKET, SENSOR	
61	4-054-709-01	STRIKE		78	1-528-911-11	BATTERY, SOLAR	
62	4-045-250-01	DAMPER		79	4-030-850-01	SOCKET, CASTER	
63	3-703-035-11	SHAFT, LID		80	4-065-810-01	CASTER (50MM), PLP	
64	4-042-192-01	CATCHER, PUSH					
65	* A-1372-448-A	A HA BOARD, COMPLETE		81	4-378-522-31	SCREW (4X20), TAPPING	
				82	4-063-426-11	LABEL, SUB CONTROL	
66	4-063-408-02	BUTTON, MULTI		83	4-069-115-01	CUSHION, DOOR	
67	4-063-409-01	GUIDE, LED		84	4-378-522-11	SCREW, TAPPING, HEXAGON HI	EAD
				00			

7-3. CHASSIS



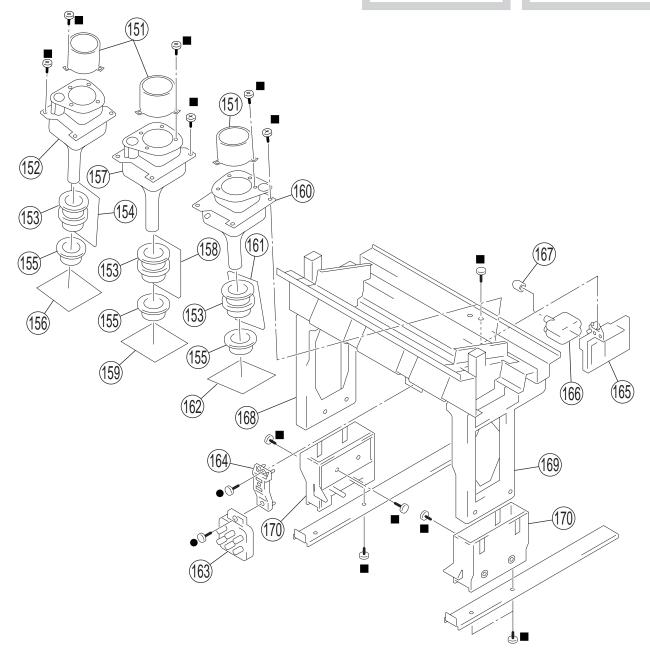
REF. NO	PART NO.	DESCRIPTION	REMARK	REF. NO.	PART NO.	DESCRIPTION	REMARK
101	4-065-769-01	MIRROR (61XBR), REFLECTION	(61XBR)	114	* 1-557-056-31	CABLE, P-P	
101	4-065-781-01	MIRROR, REFLECTION (53XBR)	` '	115	1-251-321-12	SELECTOR, ANTENNA	
102	* A-1380-618-A	A K BOARD, COMPLETE		116	* A-1373-761-A	A U BOARD, COMPLETE	
103	* A-1298-973-A	A A BOARD, COMPLETE		117		TERMINAL BOARD (ASSY)	
104	* A-1131-470-A	A BM BOARD, COMPLETE		118	4-052-894-01	SCREW (4X20), HEAD TAPPING	
105	* A-1131-462-A	A BR BOARD, COMPLETE		119		SCREW (4X20), TAPPING	
106	* A-1131-460-A	A BD BOARD, COMPLETE		120		LABEL (A), TERMINAL	
107	8-598-431-20	TUNER, FSS BTF-WA411(TU501)		121		LABEL (B), TERMINAL	
108	8-598-431-20	TUNER, FSS BTF-WA411(TU502)		122	4-059-099-01	SPACER, FOAM	
109	* A-1346-873-A	A D BOARD, COMPLETE (53XBR)		123	* A-1343-712-A	A DS BOARD, COMPLETE	
	* A-1346-899-A	A D BOARD, COMPLETE (61XBR)		124	* A-1131-461-A	A BA BOARD, COMPLETE	
110	△ 1-453-285-11	FBT ASSY NX-4006/X4P		125	4-378-522-11	SCREW, TAPPING, HEXAGON HI	EAD
111	* A-1316-400-A	A G BOARD, COMPLETE		126	1-543-653-11	CORE ASSY, BEAD(DIVISION TY	PE)
112	△ 1-783-595-11	CORD, NOISE FILTER WITH PO	WER	127	1-500-021-11	CLAMP, SLEEVE FERRITE	
113	* 1-556-945-21	CABLE, P-P					

Les composants identifies par une trame et une marque \triangle sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

The components identified by shading and mark \triangle are critical for safety. Replace only with part number

specified.

7-4. PICTURE TUBE



REF.	NO. PART NO.	DESCRIPTION	REMARK	REF. NO.	PART NO.	DESCRIPTION	REMARK
151	4-065-715-01	LENS (DELTA 37.AB)		161	* A-1390-952-A	A ZB BOARD, COMPLETE	
152	△ 8-736-089-0	5 CRT 07MZC3(R) (53XB	R)	162	* A-1331-974-A	A CB BOARD, COMPLETE	
152	₾ 8-736-091-0	5 CRT 07MZC4(R) (61XB	R)	163	△ 1-223-925-51	RESISTOR ASSY (HIGH	-VOLTAGE)
153	₾ 1-451-510-1	1 DEFLECTION YORK					(FOCUS PACK)
154	* A-1390-950-	A ZR BOARD, COMPLET	Ξ				
				164	* 4-063-403-01	BRACKET, FOCUS PACK	ζ
155		1 NECK ASSY		165	* 4-057-596-01	BRACKET, HV	
156	* A-1331-972-	A CR BOARD, COMPLET	Ξ	166	₾ 8-598-955-12	2 BLOCK ASSY, HIGH-VC	DLTAGE
157	△ 8-736-087-0	5 CRT 07MZC2(G)		167	4-373-137-01	CAP (Z), RUBBER	
158	* A-1390-951-	A ZG BOARD, COMPLET	Ξ	168	4-069-677-01	BOARD (L), SIDE	
159	* A-1331-973-	A CG BOARD, COMPLET	E				
				169	4-069-678-01	BOARD (R), SIDE	
160	₾ 8-736-088-0	5 CRT 07MZC3(B) (53XB	R)	170	* 4-072-791-01	SPACER, BOTTOM	
	△ 8-736-090-0	5 CRT 07MZC4(B) (61XB	R)				



SECTION 8 ELECTRICAL PARTS LIST

The components identified by shading and mark $\underline{\Lambda}$ are critial for safety. Replace only with part number specified.

Les composants identifies par une trame et une marque \triangle sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

When indicating parts by reference number, please include the board name.

- Items marked " * " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- All variable and adjustable resistors have characteristic curve B, unless otherwise noted.

RESISTORS

- All resistors are in ohms
- F : nonflammable

- CAPACITORS PF : μμ F
- There are some cases the reference number on one board overlaps on the other board. Therefore, when ordering parts by the reference number, please include the board name.

REF. NO.	PART NO.	DESCRIPTION			REMARK	REF. NO.	PART NO.	DESCRIPTION			REMARK
*	: A_1131_460_A	BD BOARD, COM	IDI ETE			C1761	1-163-038-91	CERAMIC CHIP	0.1µF		25V
	71 1131 400 7	*********				C1762	1-104-664-11		47µF	20%	25V
						C1763	1-104-664-11		47µF	20%	25V
						C1764		CERAMIC CHIP	0.1µF		25V
						C1768		CERAMIC CHIP	0.001µF	5%	50V
		<capacitor></capacitor>									
		(Crimiciroic				C1772	1-115-339-11	CERAMIC CHIP	0.1µF	10%	50V
C1703	1-163-275-11	CERAMIC CHIP	0.001µF	5%	50V	C1773	1-163-038-91	CERAMIC CHIP	0.1µF		25V
C1705		CERAMIC CHIP	1μF	570	16V	C1774	1-104-664-11	ELECT	47μF	20%	25V
C1707		CERAMIC CHIP	0.1μF		25V	C1775	1-164-161-11	CERAMIC CHIP	0.0022µF	10%	50V
C1708	1-104-664-11		47µF	20%	25V	C1776	1-104-664-11	ELECT	47μF	20%	25V
C1709	1-126-964-11		10μF	20%	50V				•		
	/					C1777	1-163-038-91	CERAMIC CHIP	$0.1 \mu F$		25V
C1710	1-164-346-11	CERAMIC CHIP	1µF		16V	C1779	1-163-259-91	CERAMIC CHIP	220pF	5%	50V
C1711		CERAMIC CHIP	0.0022µF	5%	50V	C1780	1-163-038-91	CERAMIC CHIP	0.1μF		25V
C1712		CERAMIC CHIP	0.1µF		25V	C1781	1-104-664-11	ELECT	47μF	20%	25V
C1713	1-104-664-11	ELECT	47μF	20%	25V	C1785	1-163-275-11	CERAMIC CHIP	$0.001 \mu F$	5%	50V
C1714		CERAMIC CHIP	1µF		16V						
			•			C1786	1-164-690-91	CERAMIC CHIP	$0.0022 \mu F$	5%	50V
C1717	1-163-275-11	CERAMIC CHIP	0.001µF	5%	50V	C1787	1-163-038-91	CERAMIC CHIP	$0.1\mu F$		25V
C1718		CERAMIC CHIP	0.0022µF	5%	50V	C1788	1-163-038-91	CERAMIC CHIP	$0.1\mu F$		25V
C1719	1-163-237-11	CERAMIC CHIP	27pF	5%	50V	C1789	1-104-664-11	ELECT	47μF	20%	25V
C1721	1-163-038-91	CERAMIC CHIP	0.1µF		25V	C1790	1-104-664-11	ELECT	47μF	20%	25V
C1722	1-104-664-11	ELECT	47μF	20%	25V						
			•			C1791	1-163-259-91	CERAMIC CHIP	220pF	5%	50V
C1723	1-163-038-91	CERAMIC CHIP	$0.1 \mu F$		25V	C1792	1-104-664-11	ELECT	47μF	20%	25V
C1724	1-104-664-11	ELECT	47μF	20%	25V	C1793	1-104-664-11	ELECT	47μF	20%	25V
C1725	1-163-231-11	CERAMIC CHIP	15pF	5%	50V	C1794	1-163-038-91	CERAMIC CHIP	$0.1\mu F$		25V
C1727	1-164-690-91	CERAMIC CHIP	$0.0022 \mu F$	5%	50V	C1796	1-163-038-91	CERAMIC CHIP	$0.1\mu F$		25V
C1729	1-163-038-91	CERAMIC CHIP	$0.1\mu F$		25V						
						C1797	1-104-664-11		47μF	20%	25V
C1730	1-104-664-11	ELECT	47μF	20%	25V	C1798		CERAMIC CHIP	$0.1\mu F$		25V
C1737	1-163-275-11	CERAMIC CHIP	$0.001 \mu F$	5%	50V	C1799		CERAMIC CHIP	0.1μF		25V
C1738	1-164-690-91	CERAMIC CHIP	$0.0022\mu F$	5%	50V	C1801	1-104-664-11		47μF	20%	25V
C1739	1-104-664-11	ELECT	47μF	20%	25V	C1802	1-163-259-91	CERAMIC CHIP	220pF	5%	50V
C1740	1-163-038-91	CERAMIC CHIP	0.1µF		25V						
						C1803		CERAMIC CHIP	0.1μF		25V
C1741		CERAMIC CHIP	$0.1\mu F$		25V	C1804		CERAMIC CHIP	0.1μF	2001	25V
C1744		CERAMIC CHIP	$0.1\mu F$		25V	C1805	1-104-664-11		47μF	20%	25V
C1745	1-104-664-11		47μF	20%	25V	C1806		CERAMIC CHIP	0.1μF	2001	25V
C1747		CERAMIC CHIP	$0.1\mu F$		25V	C1807	1-104-664-11	ELECT	47μF	20%	25V
C1748	1-104-664-11	ELECT	47μF	20%	25V	G1000	1 162 020 01	CED LANG CHID	0.1 5		2517
						C1808		CERAMIC CHIP	0.1μF	2001	25V
C1749		CERAMIC CHIP	0.1μF		25V	C1809	1-104-664-11		47μF	20%	25V
C1750	1-104-664-11		47μF	20%	25V	C1810		CERAMIC CHIP	0.1μF	50'	25V
C1753		CERAMIC CHIP	$0.001\mu F$	5%	50V	C1811		CERAMIC CHIP	220pF	5%	50V
C1757		CERAMIC CHIP	0.1μF		25V	C1812	1-163-038-91	CERAMIC CHIP	0.1μF		25V
C1758	1-104-664-11	ELECT	47μF	20%	25V	C1814	1 104 664 11	ELECT	47uE	200/	251/
						C1814	1-104-664-11	ELECI	47μF	20%	25V



REF. NO.	PART NO.	DESCRIPTION			REMARK	REF. NO.	PART NO.	DESCRIPTION		REMARK
C1815	1-163-038-91	CERAMIC CHIP	0.1μF		25V			<ic></ic>		
C1816	1-104-664-11	ELECT	47μF	20%	25V					
C1817	1-163-038-91	CERAMIC CHIP	$0.1 \mu F$		25V	IC1702		IC μPC4570G2		
C1818	1-104-664-11	ELECT	47μF	20%	25V	IC1703		IC CXP86324-023	•	
						IC1704		IC ST24E16FM6T	R	
C1819		CERAMIC CHIP	0.1µF		25V	IC1705		IC μPC4570G2		
C1820		CERAMIC CHIP	22pF	5%	50V	IC1706	8-759-106-02	IC μPC4570G2		
C1821		CERAMIC CHIP	0.1μF		25V	101505	0.750.500.66	IC CMOOOCCE		
C1822		CERAMIC CHIP	0.1μF		25V	IC1707		IC CM0006CF		
C1823	1-163-038-91	CERAMIC CHIP	0.1μF		25V	IC1708		IC μPC4570G2		
C1824	1 162 029 01	CERAMIC CHIP	0.1µF		25V	IC1709 IC1710		IC μPC4570G2 IC μPC4570G2		
C1824		CERAMIC CHIP	0.1μF		25 V 25 V	IC1710 IC1712		IC MC74HC32AF		
C1823		CERAMIC CHIP	0.1μF	10%	50V	101/12	6-739-032-20	ic wic/4ffc32Af		
C1830		CERAMIC CHIP	0.1μF	1070	25V	IC1713	8 750 008 22	IC PCM56P		
C1831	1-103-036-91		47μF	20%	25 V 25 V	IC1713		IC PCM56P		
C1632	1-104-004-11	ELECT	4/μι	2070	2J V	IC1714 IC1715		IC PCM56P		
C1833	1_163_250_01	CERAMIC CHIP	220pF	5%	50V	IC1713		IC MC74HC74AF		
C1833		CERAMIC CHIP	0.1μF	370	25V	IC1710 IC1717		IC TC7W66FU(TE		
C1835		CERAMIC CHIP	0.1μF		25 V 25 V	101/1/	0-739-400-29	IC 1C/W001-0(11	212K)	
C1836		CERAMIC CHIP	0.1μF		25 V 25 V	IC1718	8-750-352-01	IC PST9143NL		
C1837		CERAMIC CHIP	0.1μF		25V	IC1719	8-759-998-22			
C1657	1-103-036-91	CERAINIC CIII	0.1μ1		23 V	IC1719	8-759-998-22			
C1838	1-104-664-11	EI ECT	47μF	20%	25V	IC1720 IC1721		IC PCM56P		
C1839		CERAMIC CHIP	4/μΓ 0.1μF	2070	25 V 25 V	IC1721 IC1722		IC TLC2932IPW		
C1839 C1840	1-103-038-91		0.1μF 47μF	20%	25 V 25 V	IC1/22	6-739-293-09	IC ILC2932IPW		
C1840		CERAMIC CHIP	4/μΓ 0.1μF	2070	25 V 25 V	IC1723	8 750 485 70	IC TC7SET08FU(TEQ5I)	
C1841 C1842		CERAMIC CHIP	0.1μF		25 V 25 V	IC1725		IC TC7SET08FU(
C1042	1-103-036-91	CERAINIC CIII	0.1μ1		23 V	101723	6-739-463-79	ic re/seroore(TEOSE)	
C1844	1-104-664-11	ELECT	47μF	20%	25V					
C1845	1-163-038-91	CERAMIC CHIP	$0.1 \mu F$		25V			<chipconducto< td=""><td>OR></td><td></td></chipconducto<>	OR>	
C1846	1-104-664-11	ELECT	47μF	20%	25V					
C1847	1-163-038-91	CERAMIC CHIP	$0.1 \mu F$		25V	JR1701	1-216-295-91	SHORT	0	
C1849	1-164-690-91	CERAMIC CHIP	$0.0022 \mu F$	5%	50V					
C1855	1-104-664-11	FI FCT	47μF	20%	25V			<coil></coil>		
C1856		CERAMIC CHIP	0.1μF	2070	25V			(COIL)		
C1857	1-103-036-71		47μF	20%	25V	L1703	1-469-555-21	INDLICTOR	10μΗ	
C1858	1-104-664-11		47μF	20%	25V	L1703	1-469-555-21		10μΗ	
C1859		CERAMIC CHIP	1μF	10%	10V	L1707	1-469-555-21		10μΗ	
C103)	1 100 002 11	CERT INTO CITI	1 [1070	10 1	L1708	1-469-555-21		10μΗ	
C1860	1-163-038-91	CERAMIC CHIP	0.1µF		25V	L1709		INDUCTOR CHIP	•	
C1861		CERAMIC CHIP	0.1µF		25V					
C1862		CERAMIC CHIP	0.1µF	10%	25V	L1710	1-469-555-21	INDUCTOR	10μΗ	
C1863		CERAMIC CHIP	220pF	10%	50V	L1713	1-469-555-21		10μΗ	
C1864		CERAMIC CHIP	0.1µF		25V	L1714		INDUCTOR CHIP	•	
						L1715	1-469-555-21		10μΗ	
C1877	1-163-038-91	CERAMIC CHIP	$0.1 \mu F$		25V	L1716	1-469-555-21		10μH	
C1878		CERAMIC CHIP	220pF	5%	50V				•	
C1879		CERAMIC CHIP	0.1µF		25V	L1719	1-469-555-21	INDUCTOR	10μΗ	
C1880	1-163-038-91	CERAMIC CHIP	0.1µF		25V	L1720	1-469-555-21	INDUCTOR	10μΗ	
			•			L1721		INDUCTOR CHIP	0μΗ	
						L1724	1-469-555-21		10μΗ	
		<connector></connector>				L1725	1-414-234-22	INDUCTOR CHIP	0μΗ	
CN1701	1_573_301_21	CONNECTOR, BO	ARD TO B	CARE	20P	L1726	1-469-555-21	INDLICTOR	10μΗ	
		CONNECTOR, BO				L1720 L1729		INDUCTOR CHIP	•	
CIVI702	1-373-301-21	CONNECTOR, BO	AND IOD	OAK	201	L1729	1-469-555-21		10μΗ	
						L1730 L1731	1-469-555-21		10μH	
		<diode></diode>				L1731 L1732		INDUCTOR CHIP	•	
D1701	0.710.072.01	DIODE MAIL C	ZO) CO			1.1700	1 414 004 00	INDLICTOR CITE	011	
D1701		DIODE MA111-(I				L1733		INDUCTOR CHIP	•	
D1702		DIODE MA111-(H				L1734		INDUCTOR CHIP	•	
D1703		DIODE MA111-(H				L1735		INDUCTOR CHIP	•	
D1704		DIODE MA111-(I				L1736		INDUCTOR CHIP	•	
D1705	δ-/19-U/3-UI	DIODE MA111-(I	\$8).50			L1737	1-414-234-22	INDUCTOR CHIP	υμΗ	
D1706	8-719-073-01	DIODE MA111-(F	ζ 8). S 0			L1738	1-414-234-22	INDUCTOR CHIP	0μΗ	



REF. NO.	PART NO.	DESCRIPTION		Ī	REMARK	REF. NO.	PART NO.	DESCRIPTION		R	EMARK
I 1720	1 414 224 22	INDUCTOR CHI	D Outi			D1721	1 216 040 01	DEC CHID	11/	50/	1/10337
L1739 L1740		INDUCTOR CHI				R1721 R1722	1-216-049-91 1-216-065-91	· · · · · · · · · · · · · · · · · · ·	1K 4.7K	5% 5%	1/10W 1/10W
L1740 L1741		INDUCTOR CHI				R1722 R1723	1-216-049-91		4.7K	5%	1/10W
L1742		INDUCTOR CHI				R1724	1-216-025-91		100	5%	1/10W
D1742	1 414 254 22	INDOCTOR CIT	ι ομπ			R1725		METAL CHIP	1K		1/10W
L1744		INDUCTOR CHI				D.1505	1 216 022 00	DEG CHID	220	50/	1 /1 011
L1745		INDUCTOR CHI				R1727	1-216-033-00		220	5%	1/10W
L1746		INDUCTOR CHI				R1728 R1729	1-216-033-00 1-216-049-91		220	5% 5%	1/10W
L1747 L1748		INDUCTOR CHI				R1729 R1730		· · · · · · · · · · · · · · · · · · ·	1K 680K		1/10W 1/10W
L1/48	1-414-254-22	INDUCTOR CHI	Рυμп			R1730 R1731	1-216-025-91	METAL CHIP	100 100	5%	1/10W 1/10W
L1750	1-414-234-22	INDUCTOR CHI	P Ou.H			K1731	1-210-025-71	KL5,CIII	100	570	1/10**
L1751		INDUCTOR CHI				R1732	1-208-799-11	METAL CHIP	5.1K	0.50%	1/10W
L1753		INDUCTOR CHI				R1733	1-216-025-91		100		1/10W
L1754	1-414-234-22	INDUCTOR CHI	P 0μΗ			R1735	1-216-025-91	RES,CHIP	100	5%	1/10W
L1756	1-414-234-22	INDUCTOR CHI	Р 0μΗ			R1736	1-216-025-91	RES,CHIP	100	5%	1/10W
						R1737	1-208-782-11	METAL CHIP	1K	0.50%	1/10W
L1757		INDUCTOR CHI	•								
L1759		INDUCTOR CHI				R1738	1-216-295-91		0		
L1760		INDUCTOR CHI				R1739	1-216-295-91		0	50/	1 /1 0117
L1762		INDUCTOR CHI				R1740	1-216-025-91		100	5%	1/10W
L1763	1-414-234-22	INDUCTOR CHI	Р ОμΗ			R1741	1-216-033-00		220	5%	1/10W
L1764	1 414 234 22	INDUCTOR CHI	р ОпН			R1742	1-216-025-91	KES,CHIP	100	5%	1/10W
L1764 L1765		INDUCTOR CHI				R1743	1-216-033-00	RES CHIP	220	5%	1/10W
L1766		INDUCTOR CHI				R1743	1-216-025-91		100	5%	1/10W
L1767		INDUCTOR CHI				R1745	1-216-033-00		220	5%	1/10W
L1768		INDUCTOR CHI	•			R1746	1-216-033-00		220	5%	1/10W
			,			R1747	1-216-025-91		100	5%	1/10W
L1769	1-414-234-22	INDUCTOR CHI	Ρ 0μΗ								
L1770	1-414-234-22	INDUCTOR CHI	Р 0μΗ			R1748	1-216-025-91	RES,CHIP	100	5%	1/10W
						R1749		METAL CHIP	1K	0.50%	1/10W
						R1750	1-216-295-91		0		
		<transistor></transistor>				R1751	1-216-049-91		1K	5%	1/10W
01701	1 001 006 11	ED ANGIGEOD I	DEG1.44ER4	TD1.46		R1752	1-208-799-11	METAL CHIP	5.1K	0.50%	1/10W
Q1701		TRANSISTOR I		-1146		D1752	1 216 040 01	DEC CHID	117	£0/	1/10337
Q1702 Q1703		TRANSISTOR 2				R1753 R1754	1-216-049-91 1-216-049-91		1K 1K	5% 5%	1/10W 1/10W
Q1703 Q1709		TRANSISTOR 1				R1755	1-216-025-91		100	5%	1/10W
Q1710		TRANSISTOR 2				R1756		METAL CHIP	5.1K		1/10W
Q1710	0 12) 422 21	TRANSISTOR 2	SD00171 Q			R1759	1-216-025-91		100		1/10W
								,		- / -	-,
		<resistor></resistor>				R1760	1-216-025-91	RES,CHIP	100	5%	1/10W
						R1761	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1701	1-208-782-11	METAL CHIP	1K	0.50%	1/10W	R1762	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1702		METAL CHIP	1K		1/10W	R1763	1-216-025-91		100	5%	1/10W
R1703		METAL CHIP	5.1K	0.50%	1/10W	R1764	1-216-025-91	RES,CHIP	100	5%	1/10W
R1704	1-216-295-91		0	5 0/	1/10337	D1765	1 216 022 00	DEC CHE	220	<i>50</i> /	1/10337
R1705	1-216-025-91	RES,CHIP	100	5%	1/10W	R1765	1-216-033-00		220	5%	1/10W
R1706	1-216-025-91	RES CHID	100	5%	1/10W	R1766 R1767	1-216-049-91 1-216-049-91		1K 1K	5% 5%	1/10W 1/10W
R1700	1-216-025-91		100	5%	1/10W 1/10W	R1767 R1768	1-216-049-91		1K	5%	1/10W
R1708	1-216-025-91		100	5%	1/10W	R1769	1-216-057-00	*	2.2K	5%	1/10W
R1709	1-216-041-00		470	5%	1/10W	1(170)	1 210 057 00	RES,CIII	2.211	570	1/10//
R1710	1-216-025-91	,	100	5%	1/10W	R1770	1-216-049-91	RES,CHIP	1K	5%	1/10W
		, .				R1771	1-216-025-91		100	5%	1/10W
R1711	1-216-025-91	RES,CHIP	100	5%	1/10W	R1772	1-216-025-91		100	5%	1/10W
R1712	1-216-295-91		0			R1773	1-216-025-91	RES,CHIP	100	5%	1/10W
R1713	1-216-041-00		470	5%	1/10W	R1774	1-216-049-91	RES,CHIP	1K	5%	1/10W
R1714	1-216-295-91		0		4/4.55-	<u> : </u>			477	0 = -	4.46==:
R1715	1-216-025-91	RES,CHIP	100	5%	1/10W	R1775		METAL CHIP	1K		1/10W
D1717	1 016 005 01	DEC CIUD	100	F0/	1/10337	R1777		METAL CHIP	5.1K		1/10W
R1716	1-216-025-91		100	5% 5%	1/10W	R1778	1-216-049-91		1K	5% 5%	1/10W
R1717 R1718	1-216-073-00 1-216-025-91		10K 100	5% 5%	1/10W 1/10W	R1779 R1780	1-216-071-00 1-216-025-91		8.2K 100	5% 5%	1/10W 1/10W
R1718 R1719	1-216-025-91		100	5% 5%	1/10W 1/10W	K1/00	1-210-023-91	кьэ,спіг	100	J 70	1/ 1 U VV
R1719	1-216-023-91		10K	5%	1/10W 1/10W	R1781	1-216-025-91	RES.CHIP	100	5%	1/10W
111/20	2 2 2 0 7 5 00	,		273	-/ 10 11	R1782	1-216-071-00		8.2K	5%	1/10W
					'		50	* '		-	

DD



REF. NO.	DARTNO	DESCRIPTION		,	REMARK	DEE NO	DADT NO	DESCRIPTION		т	REMARK
KEF. NO.	PART NO.	DESCRIPTION				REF. NO.	PART NO.	DESCRIPTION		<u>r</u>	
R1783 R1784	1-216-033-00		220 100	5% 5%	1/10W 1/10W	R1858	1-216-033-00	RES,CHIP	220	5%	1/10W
R1785	1-216-025-91 1-216-025-91		100	5%	1/10W 1/10W	R1859	1-216-057-00	RES.CHIP	2.2K	5%	1/10W
		,			-,	R1860	1-216-049-91		1K	5%	1/10W
R1786	1-208-782-11	METAL CHIP	1K	0.50%	1/10W	R1861	1-216-073-00	RES,CHIP	10K	5%	1/10W
R1787	1-216-025-91	RES,CHIP	100	5%	1/10W	R1862	1-216-025-91	RES,CHIP	100	5%	1/10W
R1788	1-216-071-00		8.2K	5%	1/10W	R1864	1-208-850-11	METAL CHIP	680K	0.50%	1/10W
R1789	1-216-025-91	, -	100	5%	1/10W						
R1790	1-216-295-91	SHORT	0			R1865		METAL CHIP	5.1K		1/10W
R1791	1-216-025-91	DEC CHID	100	5%	1/10W	R1866 R1867		METAL CHIP METAL CHIP	5.1K 1K		1/10W 1/10W
R1791 R1792	1-216-025-91		100	5%	1/10W 1/10W	R1868		METAL CHIP	5.1K		1/10W 1/10W
R1793	1-216-057-00		2.2K	5%	1/10W	R1869		METAL CHIP	5.1K		1/10W
R1794		METAL CHIP	6.2K		1/10W						
R1795	1-216-037-00	RES,CHIP	330	5%	1/10W	R1870	1-208-782-11	METAL CHIP	1K	0.50%	1/10W
						R1877	1-216-295-91	SHORT	0		
R1796		METAL CHIP	1K		1/10W	R1878	1-216-295-91		0		
R1798		METAL CHIP	5.1K		1/10W	R1879	1-216-295-91		0		
R1799		METAL CHIP	6.8K		1/10W	R1880	1-216-295-91	SHORT	0		
R1800 R1801	1-216-065-91	METAL CHIP	4.7K 27K	5%	1/10W 1/10W	R1881	1-216-295-91	СПОВТ	0		
K1001	1-206-610-11	METAL CHIP	2/K	0.30%	1/10 vv	R1882	1-216-295-91		0		
R1802	1-216-049-91	RES CHIP	1K	5%	1/10W	R1883	1-216-049-91		1K	5%	1/10W
R1803		METAL CHIP	1K		1/10W	R1885		METAL CHIP	3K		1/10W
R1804	1-216-057-00	RES,CHIP	2.2K	5%	1/10W	R1886	1-208-790-11	METAL CHIP	2.2K	0.50%	1/10W
R1805	1-216-025-91	RES,CHIP	100	5%	1/10W						
R1806	1-216-295-91	SHORT	0			R1887		METAL CHIP	560		1/10W
						R1888	1-216-033-00	*	220	5%	1/10W
R1807	1-216-037-00	· · · · · · · · · · · · · · · · · · ·	330	5%	1/10W	R1889	1-216-033-00		220	5%	1/10W
R1808 R1809	1-216-081-00 1-216-025-91		22K 100	5% 5%	1/10W 1/10W	R1890 R1907	1-216-295-91 1-216-049-91		0 1K	5%	1/10W
R1810	1-216-025-91		100	5%	1/10W	K1907	1-210-049-91	кез,спіг	1K	370	1/10 VV
R1811	1-216-025-91		100	5%	1/10W	R1908	1-216-049-91	RES.CHIP	1K	5%	1/10W
		,				R1909	1-216-041-00		470	5%	1/10W
R1819	1-216-025-91	RES,CHIP	100	5%	1/10W	R1910	1-216-049-91	RES,CHIP	1K	5%	1/10W
R1820	1-216-025-91		100	5%	1/10W	R1913		METAL CHIP	5.1K		1/10W
R1821	1-216-025-91	· · · · · · · · · · · · · · · · · · ·	100	5%	1/10W	R1914	1-216-025-91	RES,CHIP	100	5%	1/10W
R1822	1-216-057-00		2.2K	5%	1/10W	D1015	1 216 022 00	DEC CIUD	220	£0/	1/10337
R1823	1-208-799-11	METAL CHIP	5.1K	0.50%	1/10W	R1915 R1916	1-216-033-00 1-216-025-91		220 100	5% 5%	1/10W 1/10W
R1824	1_208_782_11	METAL CHIP	1K	0.50%	1/10W	R1910 R1917	1-216-033-00		220	5%	1/10W 1/10W
R1826	1-216-037-00		330	5%	1/10W	R1919	1-216-033-00	*	220	5%	1/10W
R1827	1-216-295-91	*	0			R1920	1-216-033-00	· · · · · · · · · · · · · · · · · · ·	220	5%	1/10W
R1828	1-216-025-91	RES,CHIP	100	5%	1/10W						
R1830	1-216-049-91	RES,CHIP	1K	5%	1/10W	R1921	1-216-065-91	RES,CHIP	4.7K	5%	1/10W
						R1922	1-216-065-91		4.7K	5%	1/10W
R1831	1-216-025-91		100	5%	1/10W	R1924	1-216-025-91		100	5%	1/10W
R1834 R1835	1-216-049-91 1-216-025-91		1K 100	5% 5%	1/10W 1/10W	R1926	1-216-033-00	KES,CHIP	220	5%	1/10W
R1836	1-216-025-91		100	5%	1/10W 1/10W						
R1840	1-216-025-91		100	5%	1/10W			<crystal></crystal>			
		,		- / -	-,						
R1841	1-216-025-91	RES,CHIP	100	5%	1/10W	X1701	1-767-925-21	VIBRATOR, CRYS	STAL		
R1844	1-216-025-91	RES,CHIP	100	5%	1/10W						
R1846	1-216-025-91	· · · · · · · · · · · · · · · · · · ·	100	5%	1/10W						
R1847	1-216-025-91		100	5%	1/10W			********	1 1 1 1 1 1 1 1 1 1 1		ata da da da da da da
R1848	1-216-025-91	RES,CHIP	100	5%	1/10W	*****	******	· ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	****	*****	****
R1849	1-216-025-91	RES CHIP	100	5%	1/10W	,	* A-1131-461-A	BA BOARD, COM	PLETE		
R1850	1-216-025-91	· · · · · · · · · · · · · · · · · · ·	100	5%	1/10W		11 1131 401-7	**********			
R1851	1-216-025-91		100	5%	1/10W						
R1852	1-216-295-91		0								
R1853	1-216-025-91	RES,CHIP	100	5%	1/10W			<capacitor></capacitor>			
D405:	1.015.075.5	PEG GY	177	501	1 /1 0***	C2.12.	1.162.2=: ::	GED 13 GG *****	100 =	50:	501:
R1854	1-216-049-91	· · · · · · · · · · · · · · · · · · ·	1K	5%	1/10W	C2401		CERAMIC CHIP	100pF	5%	50V
R1855	1-216-025-91		100 4.7 K	5% 5%	1/10W	C2402	1-104-664-11		47μF 0.1μF	20%	25V 25V
R1856 R1857	1-216-065-91 1-216-025-91		4.7K 100	5% 5%	1/10W 1/10W	C2403 C2404		CERAMIC CHIP CERAMIC CHIP	0.1μF 0.1μF		25 V 25 V
111007	. 2.0 023-71	,	100	5 /0	2/ 10 11	22707	1 100 000-71	CLICI IIIIC CIIII	σ.1μ1		•



REF. NO.	PART NO.	DESCRIPTION			REMARK	REF. NO.	PART NO.	DESCRIPTION			REMARK
C2405	1-165-319-11	CERAMIC CHIP	0.1μF		50V	C2472	1-163-038-91	CERAMIC CHIP	0.1uF		25V
02.00	1 100 017 11	0210 11110 01111	0.1 pc2			C2474		CERAMIC CHIP	0.01µF	10%	50V
C2406	1-163-038-91	CERAMIC CHIP	$0.1 \mu F$		25V	C2475	1-126-934-11	ELECT	220μF	20%	10V
C2407		CERAMIC CHIP	2.2μF		16V	C2476		CERAMIC CHIP	$0.1\mu F$		50V
C2408		CERAMIC CHIP	0.1μF		25V	C2477	1-165-319-11	CERAMIC CHIP	0.1μF		50V
C2409		CERAMIC CHIP	0.1μF	200/	50V	G0.450	1 165 210 11	CED LINE CHE	0.1 5		5017
C2410	1-104-664-11	ELECT	47μF	20%	25V	C2478		CERAMIC CHIP	0.1μF	200/	50V
C2411	1 162 029 01	CERAMIC CHIP	0.1µF		25V	C2479 C2480	1-126-963-11	CERAMIC CHIP	4.7μF 0.1μF	20%	50V 50V
C2411 C2412	1-103-036-91		0.1μΓ 47μF	20%	25V 25V	C2480 C2481	1-103-319-11		0.1μΓ 2.2μF	20%	50V
C2412	1-126-964-11		10μF	20%	50V	C2482		CERAMIC CHIP	2.2μr 0.1μF	2070	25V
C2415		CERAMIC CHIP	1μF	10%	10V	02102	1 103 030 71	CERTIFIC CITI	0.1 μ1		23 1
C2416		CERAMIC CHIP	470pF	5%	50V	C2483	1-163-038-91	CERAMIC CHIP	$0.1 \mu F$		25V
G2.44#		ann is da aven	45.5	= 0.							
C2417		CERAMIC CHIP	15pF	5%	50V			CONNECTOR			
C2418 C2420	1-104-664-11		47μF 0.1μF	20%	25V 50V			<connector></connector>			
C2420 C2421		CERAMIC CHIP CERAMIC CHIP	0.1μF 0.1μF		25V	CN2401	* 1 601 632 21	CONNECTOR, BC	A D D TO E	OADE) 15D
C2421 C2422		CERAMIC CHIP	0.1μΓ 0.1μF		50V	CN2401	1-091-032-21	CONNECTOR, BC	AKD IO D	OAKL	7 131
02122	1 103 317 11	CERTAINING CITI	0.1µ1		501						
C2424	1-165-319-11	CERAMIC CHIP	0.1μF		50V			<filter></filter>			
C2425	1-163-038-91	CERAMIC CHIP	$0.1\mu F$		25V						
C2426		CERAMIC CHIP	$0.1\mu F$		50V	FL2401		FILTER, LOW PAS			
C2427		CERAMIC CHIP	0.1μF	10%	50V	FL2402		FILTER, LOW PAS			
C2429	1-163-038-91	CERAMIC CHIP	0.1μF		25V	FL2403		FILTER, LOW PAS			
C2430	1 165 310 11	CERAMIC CHIP	0.1µF		50V	FL2404	1-239-847-11	FILTER, LOW PAS	20		
C2430		CERAMIC CHIP	0.1μΓ 0.1μF		50V						
C2432		CERAMIC CHIP	0.1μF		50V			<ic></ic>			
C2434		CERAMIC CHIP	15pF	5%	50V			407			
C2436	1-165-319-11	CERAMIC CHIP	0.1μF		50V	IC2401	8-759-568-27	IC MSM514265C	-60JSDR1		
						IC2402		IC μPD64081BGF			
C2437		CERAMIC CHIP	0.1μF		50V	IC2403	8-759-161-24	IC μPC659AGS-E	2		
C2439		CERAMIC CHIP	0.1μF		25V						
C2440 C2441		CERAMIC CHIP	0.1μF		25V 50V			<coil></coil>			
C2441 C2442		CERAMIC CHIP CERAMIC CHIP	0.1μF 0.1μF		50V			<coil></coil>			
C2442	1-103-317-11	CLICAIVIIC CIIII	0.1μ1		30 V	L2401	1-469-555-21	INDUCTOR	10μΗ		
C2443	1-163-038-91	CERAMIC CHIP	0.1µF		25V	L2402		INDUCTOR CHIP			
C2444	1-164-505-11	CERAMIC CHIP	2.2μF		16V	L2403	1-414-234-22	INDUCTOR CHIP	0μΗ		
C2445		CERAMIC CHIP	$0.1 \mu F$		25V	L2404	1-414-234-22	INDUCTOR CHIP	0μΗ		
C2446		CERAMIC CHIP	0.1μF		50V	L2405	1-469-555-21	INDUCTOR	10μΗ		
C2447	1-163-231-11	CERAMIC CHIP	15pF	5%	50V	1.2406	1 460 555 01	INDLICTOR	10		
C2448	1 165 210 11	CERAMIC CHIP	0.1µF		50V	L2406 L2407		INDUCTOR INDUCTOR CHIP	10μH		
C2448 C2449		CERAMIC CHIP	0.1μΓ 0.01μF		50V	L2407 L2408		INDUCTOR CHIP	•		
C2450	1-126-964-11		0.01μ1 10μF	20%	50V	L2409		INDUCTOR	10μΗ		
C2451		CERAMIC CHIP	10pF	0.5pF		L2410		INDUCTOR CHIP	•		
C2452	1-165-319-11	CERAMIC CHIP	0.1μF	*	50V				·		
						L2411		INDUCTOR CHIP			
C2453		CERAMIC CHIP	0.1μF		25V	L2412		INDUCTOR CHIP	•		
C2454		CERAMIC CHIP	0.1μF		25V	L2413		INDUCTOR CHIP			
C2455 C2456		CERAMIC CHIP CERAMIC CHIP	2.2μF 0.01μF		16V 50V	L2414 L2415		INDUCTOR CHIP INDUCTOR CHIP	•		
C2450 C2457		CERAMIC CHIP	0.01μΓ 39pF	5%	50V	L2413	1-414-234-22	INDUCTOR CHIP	υμη		
C2731	1 100 271-11	CLAG IVIIC CIIII	57P1	570	501	L2416	1-414-234-22	INDUCTOR CHIP	0μΗ		
C2458	1-165-319-11	CERAMIC CHIP	$0.1 \mu F$		50V	L2417		INDUCTOR CHIP			
C2459	1-126-935-11		470μF	20%	6.3V	L2418		INDUCTOR CHIP			
C2461		CERAMIC CHIP	15pF	5%	50V	L2420		INDUCTOR CHIP	•		
C2462		CERAMIC CHIP	82pF	5%	50V	L2421	1-414-234-22	INDUCTOR CHIP	0μΗ		
C2463	1-163-038-91	CERAMIC CHIP	0.1μF		25V	1.0400	1 414 224 22	INDUCTOR CUTE	Outt		
C2464	1-163-039-01	CERAMIC CHIP	0.1µF		25V	L2422 L2423		INDUCTOR CHIP INDUCTOR	0μH 10μH		
C2464 C2466		CERAMIC CHIP	0.1μF 2.2μF		25 V 16 V	L2423 L2424		INDUCTOR	10μH		
C2467		CERAMIC CHIP	2.2μ1 150pF	5%	50V	L2425		INDUCTOR CHIP	•		
C2468	1-104-664-11		47μF	20%	25V	L2427	1-216-295-91		0		
C2471	1-165-319-11	CERAMIC CHIP	0.1μF		50V						
						L2428	1-216-295-91	SHORT	0		

NW-1902



REF. NO.	PART NO.	DESCRIPTION		ļ	REMARK	REF. NO.	PART NO.	DESCRIPTION		Ī	REMARK
L2429	1-216-295-91	CHODT	0			R2430	1-216-049-91	DEC CUID	1K	5%	1/10W
L2430	1-469-555-21		0 10μΗ			R2431	1-216-049-91		1K 1K	5%	1/10W 1/10W
						R2432	1-208-800-11	METAL CHIP	5.6K	0.50%	1/10W
		<transistor< td=""><td>!></td><td></td><td></td><td>R2433</td><td></td><td>METAL CHIP</td><td>2.2K</td><td></td><td>1/10W</td></transistor<>	! >			R2433		METAL CHIP	2.2K		1/10W
						R2434	1-216-085-00	RES,CHIP	33K	5%	1/10W
Q2401		TRANSISTOR				R2435		METAL CHIP	560	0.50%	1/10W
Q2402		TRANSISTOR				R2436	1-216-025-91	RES,CHIP	100	5%	1/10W
Q2403		TRANSISTOR									
Q2404		TRANSISTOR	-			R2438	1-216-057-00		2.2K	5%	1/10W
Q2405	8-729-422-27	TRANSISTOR	2SD601A-Q			R2439 R2440		METAL CHIP	1.2K 820	0.50% 5%	1/10W
Q2406	9 720 216 22	TRANSISTOR	25 V 1162 C			R2440 R2441	1-216-047-91 1-216-075-00		12K	5% 5%	1/10W 1/10W
Q2400 Q2407		TRANSISTOR				R2441 R2442	1-216-049-91		12K 1K	5%	1/10W
Q2408		TRANSISTOR				112-1-12	1 210 047 71	RLD,CIIII	1110	370	1/10 **
Q2409		TRANSISTOR	_			R2444	1-216-655-11	METAL CHIP	1.5K	0.50%	1/10W
Q2410		TRANSISTOR				R2445	1-216-025-91		100	5%	1/10W
-						R2446	1-216-025-91	RES,CHIP	100	5%	1/10W
Q2411		TRANSISTOR				R2447	1-216-049-91	RES,CHIP	1K	5%	1/10W
Q2412		TRANSISTOR				R2448	1-208-800-11	METAL CHIP	5.6K	0.50%	1/10W
Q2413		TRANSISTOR	_								
Q2414		TRANSISTOR				R2449		METAL CHIP	1.2K		1/10W
Q2415	8-729-422-27	TRANSISTOR	2SD601A-Q			R2450	1-216-085-00		33K	5%	1/10W
02416	9 700 400 07	TRANSISTOR	25D601 A O			R2451 R2452	1-216-065-91	· ·	4.7K 100	5%	1/10W
Q2416 Q2417		TRANSISTOR				R2452 R2453	1-216-025-91 1-216-025-91		100	5% 5%	1/10W 1/10W
Q2417 Q2418		TRANSISTOR		T146		N2433	1-210-023-91	KES,CIII	100	370	1/10 VV
Q2419		TRANSISTOR		1110		R2454	1-208-776-11	METAL CHIP	560	0.50%	1/10W
Q2421		TRANSISTOR				R2455	1-216-295-91		0	0.0070	1,1011
						R2456	1-216-017-91		47	5%	1/10W
Q2422	8-729-422-27	TRANSISTOR	2SD601A-Q			R2457	1-216-049-91	RES,CHIP	1K	5%	1/10W
						R2458	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
		<resistor></resistor>				R2459		METAL CHIP	680		1/10W
D2101	4 24 5 20 7 04	arronm				R2460	1-216-047-91		820	5%	1/10W
R2401	1-216-295-91		0			R2461	1-216-075-00		12K	5%	1/10W
R2402 R2403	1-216-295-91 1-216-295-91		0			R2462 R2464	1-216-049-91 1-216-025-91		1K 100	5% 5%	1/10W 1/10W
R2403 R2404	1-216-293-91		68	5%	1/10W	K2404	1-210-023-91	кез,спіг	100	370	1/10 VV
R2405	1-216-049-91		1K	5%	1/10W	R2465	1-216-025-91	RES CHIP	100	5%	1/10W
112 103	1 210 019 91	тав,етт	111	570	1/10//	R2466	1-216-025-91		100	5%	1/10W
R2406	1-216-071-00	RES,CHIP	8.2K	5%	1/10W	R2467	1-216-025-91		100	5%	1/10W
R2407	1-208-782-11	METAL CHIP	1K	0.50%	1/10W	R2468	1-216-025-91	RES,CHIP	100	5%	1/10W
R2408	1-216-655-11	METAL CHIP	1.5K	0.50%	1/10W	R2469	1-216-025-91	RES,CHIP	100	5%	1/10W
R2409	1-216-065-91	RES,CHIP	4.7K	5%	1/10W						
R2410	1-216-295-91	SHORT	0			R2470	1-216-025-91		100	5%	1/10W
D2411	1 21 6 022 00	DEC CHID	220	50/	1 /1 0337	R2471	1-216-025-91		100	5%	1/10W
R2411	1-216-033-00		220	5%	1/10W	R2472	1-216-025-91		100	5%	1/10W
R2413 R2414	1-216-025-91 1-216-025-91	/ -	100 100	5% 5%	1/10W 1/10W	R2476 R2477	1-208-774-11	METAL CHIP	470 100	0.50% 5%	1/10W 1/10W
R2414 R2415	1-216-023-91		2.2K	5%	1/10W 1/10W	N2411	1-210-023-91	кез,спіг	100	370	1/10 VV
R2415	1-216-057-00		2.2K 220K	5%	1/10W 1/10W	R2478	1-208-758-11	METAL CHIP	100	0.50%	1/10W
112110	1 210 103 71	тав,етт	22011	570	1/10//	R2479		METAL CHIP	470		1/10W
R2417	1-216-057-00	RES,CHIP	2.2K	5%	1/10W	R2480	1-216-295-91	SHORT	0		
R2418		METAL CHIP	5.6K		1/10W	R2481	1-216-295-91		0		
R2419	1-208-776-11	METAL CHIP	560	0.50%	1/10W	R2482	1-216-295-91	SHORT	0		
R2420	1-216-049-91		1K	5%	1/10W						
R2421	1-216-041-00	RES,CHIP	470	5%	1/10W	R2483	1-216-295-91		0		
D2 (57	1.01 - 05	DEG CVV	100	5 0.	1 /1 0***	R2484	1-216-295-91		0		
R2422	1-216-025-91		100	5%	1/10W	R2485	1-216-295-91		0		
R2423	1-216-033-00		220	5% 5%	1/10W	R2486	1-216-295-91		0		
R2424 R2425	1-216-049-91	METAL CHIP	1K 470	5% 0.50%	1/10W 1/10W	R2487	1-216-295-91	SHOKI	U		
R2425 R2426		METAL CHIP	470		1/10W 1/10W	R2489	1-208-822-11	METAL CHIP	47K	0.50%	1/10W
112 720	1 200 // 11		17.0	3.2070	1/10 11	R2490		METAL CHIP	15K		1/10W
R2427	1-216-025-91	RES,CHIP	100	5%	1/10W					2.20,0	
R2428		METAL CHIP	5.6K		1/10W						
R2429	1-208-776-11	METAL CHIP	560	0.50%	1/10W						
						******	********	*******	******	******	*****



REF. NO.	PART NO.	DESCRIPTION			REMARK	REF. NO.	PART NO.	DESCRIPTION			REMARK
	* A-1131-462-A	BR BOARD, COM				C403 C405	1-163-038-91	CERAMIC CHIP CERAMIC CHIP	0.1μF 0.1μF		25V 25V
						C406	1-163-038-91	CERAMIC CHIP	0.1μF		25V
		<capacitor></capacitor>				C407	1-163-038-91	CERAMIC CHIP	0.1µF		25V
						C409		CERAMIC CHIP	0.1µF		25V
C301	1-163-038-91	CERAMIC CHIP	$0.1\mu F$		25V	C410	1-163-038-91	CERAMIC CHIP	0.1μF		25V
C302	1-124-779-00	ELECT CHIP	10μF	20%	16V	C411	1-126-204-11	ELECT CHIP	47μF	20%	16V
C303		ELECT CHIP	47μF	20%	16V	C412	1-164-690-91	CERAMIC CHIP	$0.0022 \mu F$	5%	50V
C304		ELECT CHIP	10μF	20%	16V						
C305	1-163-038-91	CERAMIC CHIP	$0.1\mu F$		25V	C414		CERAMIC CHIP	220pF	5%	50V
C206	1 162 029 01	CED AMIC CUID	0.1E		2537	C419		CERAMIC CHIP	0.1μF		25V
C306 C307		CERAMIC CHIP	0.1μF	20%	25V	C420 C421		CERAMIC CHIP	0.1μF		25V 25V
C307		ELECT CHIP CERAMIC CHIP	10μF 0.1μF	20%	16V 25V	C421 C422		CERAMIC CHIP CERAMIC CHIP	0.1μF 0.1μF		25 V 25 V
C309		ELECT CHIP	47μF	20%	16V	C+22	1-103-030-71	CLIVAIVIIC CIIII	0.1μ1		23 V
C310		CERAMIC CHIP	0.022μF	10%	50V	C423	1-163-038-91	CERAMIC CHIP	0.1µF		25V
6510	1 103 037 11	CERTIFIC CITE	0.022μ1	1070	501	C424		ELECT CHIP	47μF	20%	16V
C311	1-126-204-11	ELECT CHIP	47µF	20%	16V	C425		CERAMIC CHIP	0.1µF		25V
C312	1-163-038-91	CERAMIC CHIP	0.1μF		25V	C426	1-163-038-91	CERAMIC CHIP	0.1μF		25V
C313	1-126-204-11	ELECT CHIP	47μF	20%	16V	C427	1-163-038-91	CERAMIC CHIP	0.1μF		25V
C314	1-163-038-91	CERAMIC CHIP	0.1µF		25V						
C315	1-117-681-11	ELECT CHIP	100μF	20%	16V	C428		CERAMIC CHIP	$0.1\mu F$		25V
						C429		CERAMIC CHIP	$0.1\mu F$		25V
C316		CERAMIC CHIP	$0.1\mu F$		25V	C430		CERAMIC CHIP	$0.1\mu F$		25V
C317		ELECT CHIP	47μF	20%	16V	C431		ELECT CHIP	47μF	20%	16V
C320		CERAMIC CHIP	0.01μF	10%	50V	C432	1-163-038-91	CERAMIC CHIP	0.1μF		25V
C321		CERAMIC CHIP	0.1μF	200/	25V	C422	1 172 020 01	CED AMIC CUID	0.1		251
C322	1-120-003-11	ELECT CHIP	4.7μF	20%	35V	C433 C434		CERAMIC CHIP CERAMIC CHIP	0.1μF 0.1μF		25V 25V
C326	1-163-038-91	CERAMIC CHIP	0.1µF		25V	C434 C435		CERAMIC CHIP	0.1μF 0.1μF		25 V 25 V
C328		CERAMIC CHIP	0.1μΓ 0.1μF		25V 25V	C435		CERAMIC CHIP	0.1μF		25 V 25 V
C329		CERAMIC CHIP	0.1μF		25 V	C437		CERAMIC CHIP	0.1µF		25V
C331		CERAMIC CHIP	0.1µF		25V	0.07	1 100 000 71	0210 10110 01111	0.1762		20 1
C343		CERAMIC CHIP	0.1μF		25V	C438	1-163-038-91	CERAMIC CHIP	$0.1 \mu F$		25V
						C439	1-163-038-91	CERAMIC CHIP	0.1µF		25V
C347	1-163-038-91	CERAMIC CHIP	$0.1\mu F$		25V	C440	1-163-038-91	CERAMIC CHIP	$0.1\mu F$		25V
C355		CERAMIC CHIP	$0.1\mu F$		25V	C441		CERAMIC CHIP	$0.1\mu F$		25V
C359		CERAMIC CHIP	0.1μF		25V	C442	1-126-204-11	ELECT CHIP	47μF	20%	16V
C360		ELECT CHIP	47μF	20%	16V	G2201	1 126 204 11	EL ECT CLUD	47. 17.	200/	1.617
C364	1-126-206-11	ELECT CHIP	100μF	20%	6.3V	C2301		ELECT CHIP	47μF	20%	16V
C368	1 162 029 01	CED AMIC CHID	O luE		25V	C2303 C2304		CERAMIC CHIP ELECT CHIP	0.1μF 47μF	20%	25V 16V
C308		CERAMIC CHIP CERAMIC CHIP	0.1μF 0.1μF		25 V 25 V	C2304 C2305		CERAMIC CHIP	4/μΓ 0.1μF	2070	25V
C376		CERAMIC CHIP	0.1μF		25V	C2306		CERAMIC CHIP	•		25V
C377		CERAMIC CHIP	0.1µF		25V	02000	1 100 000 71	0210 10110 01111	0.1762		20 1
C378		ELECT CHIP	47µF	20%	16V	C2307	1-126-204-11	ELECT CHIP	47μF	20%	16V
			•			C2308	1-163-038-91	CERAMIC CHIP	0.1μF		25V
C379	1-163-038-91	CERAMIC CHIP	$0.1\mu F$		25V	C2309	1-163-038-91	CERAMIC CHIP	0.1µF		25V
C380	1-126-204-11	ELECT CHIP	47μF	20%	16V	C2310	1-163-038-91	CERAMIC CHIP	$0.1\mu F$		25V
C384		CERAMIC CHIP	$0.1\mu F$		25V	C2311	1-163-038-91	CERAMIC CHIP	$0.1\mu F$		25V
C385		ELECT CHIP	47μF	20%	16V						
C386	1-124-779-00	ELECT CHIP	10μF	20%	16V	C2312		CERAMIC CHIP	0.1μF		25V
G200	1 162 020 01	CED A MIC CHID	0.1		2517	C2313		CERAMIC CHIP	0.1μF	100/	25V
C388		CERAMIC CHIP	0.1μF		25V	C2314		CERAMIC CHIP CERAMIC CHIP	1μF	10% 10%	10V
C389 C393		CERAMIC CHIP CERAMIC CHIP	0.1μF 0.1μF		25V 25V	C2315	1-109-962-11	CERAMIC CHIP	1μF	10%	10V
C394		CERAMIC CHIP	0.1μΓ 0.1μF		25V						
C395		ELECT CHIP	100μF	20%	6.3V			<connector></connector>			
C396	1-163-038-91	CERAMIC CHIP	0.1μF		25V	CN301	1-573-301-21	CONNECTOR, BC	ARD TO B	OARI	20P
C397		ELECT CHIP	10μF	20%	16V	CN302	1-573-979-21	CONNECTOR, BC	ARD TO B	OARI) 11P
C398		CERAMIC CHIP	$0.1\mu F$		25V						
C399		CERAMIC CHIP	0.1μF		25V						
C400	1-126-204-11	ELECT CHIP	47μF	20%	16V			<diode></diode>			
C401 C402		CERAMIC CHIP CERAMIC CHIP	0.1μF 0.1μF		25V 25V	D301 D2301		DIODE MA8039 DIODE MA113-(1	ΓΧ)		



REF. NO.	PART NO.	DESCRIPTION	REMARK	REF. NO.	PART NO.	DESCRIPTION		Ī	REMARK
		<filter></filter>		Q2301		TRANSISTOR			
FL301 FL302 FL303 FL304 FL305	1-233-504-21 1-233-504-21 1-234-112-21	FILTER, LOW PASS FILTER, LOW PASS FILTER, LOW PASS FILTER, LOW PASS FILTER, LOW PASS		Q2302 Q2303 Q2304 Q2305 Q2306	8-729-422-27 8-729-422-27 8-729-216-22	TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR	2SD601A-Q 2SD601A-Q 2SA1162-G		
FL306 FL307 FL308 FL309	1-233-736-21 1-233-736-21	FILTER, LOW PASS FILTER, EMI FILTER, EMI FILTER, EMI		Q2307 Q2308 Q2309 Q2310	8-729-422-27 8-729-422-27 8-729-422-27	TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR	2SD601A-Q 2SD601A-Q 2SD601A-Q		
		<ic></ic>		Q2311 Q2312		TRANSISTOR TRANSISTOR			
IC301		IC TLC2933IPWR		Q2313	8-729-422-27	TRANSISTOR	2SD601A-Q		
IC302 IC303 IC305	8-759-295-09	IC PQ20VZ1U IC TLC2932IPW IC CXD2090Q				<resistor></resistor>			
IC306		IC TLC5733AIPM		R302 R303	1-216-089-91 1-216-037-00		47K 330	5% 5%	1/10W 1/10W
IC466 IC2301		IC TC74HC123AF IC TDA9178T/N1.118		R304 R305 R306	1-216-037-00 1-208-795-11 1-216-097-91	METAL CHIP	330 3.6K 100K	5% 0.50% 5%	1/10W 1/10W 1/10W
		<coil></coil>		R307 R308	1-216-113-00 1-216-295-91	RES,CHIP	470K 0	5%	1/10W
L302 L303 L305	1-414-234-22	INDUCTOR CHIP 0μH INDUCTOR CHIP 0μH INDUCTOR CHIP 0μH		R309 R311 R312	1-216-295-91 1-216-117-00 1-216-081-00	SHORT RES,CHIP	0 680K 22K	5% 5%	1/10W 1/10W
L306 L312	1-414-234-22 1-469-555-21	INDUCTOR CHIP 0μH INDUCTOR 10μH		R313 R314	1-216-033-00 1-216-049-91		220 1K	5% 5%	1/10W 1/10W
L313 L315 L316	1-469-555-21 1-469-555-21	·		R315 R317 R318	1-208-799-11 1-216-061-00 1-216-295-91		5.1K 3.3K 0	0.50% 5%	1/10W 1/10W
L317 L319	1-469-555-21 1-216-295-91	SHORT 0		R320 R321	1-216-295-91 1-216-295-91	SHORT	0		
L320 L321 L322	1-469-555-21	INDUCTOR 10μH INDUCTOR 10μH		R322 R323 R324	1-216-055-00 1-216-295-91 1-216-295-91	SHORT	1.8K 0 0	5%	1/10W
L323 L324		INDUCTOR 10µH		R325 R326	1-216-047-91 1-216-049-91	RES,CHIP	820 1K	5% 5%	1/10W 1/10W
L2301 L2302 L2303	1-469-555-21	INDUCTOR 10µH INDUCTOR 10µH INDUCTOR 10µH		R327 R328 R333	1-216-117-00 1-216-117-00 1-208-782-11	,	680K 680K 1K	5% 5% 0.50%	1/10W 1/10W 1/10W
		<transistor></transistor>		R334 R335		METAL CHIP	220 1K	5% 0.50%	1/10W 1/10W
Q301 Q302	8-729-422-27	TRANSISTOR 2SD601A-Q TRANSISTOR 2SD601A-Q TRANSISTOR 2SA1162 C		R337 R338 R340	1-216-295-91 1-216-025-91 1-216-037-00	RES,CHIP	0 100 330	5% 5%	1/10W 1/10W
Q303 Q306 Q308	8-729-422-27	TRANSISTOR 2SA1162-G TRANSISTOR 2SD601A-Q TRANSISTOR 2SA1162-G		R341 R344 R345	1-216-295-91 1-216-295-91 1-216-295-91	SHORT	0 0 0		
Q312 Q317 Q318	8-729-216-22	TRANSISTOR 2SA1162-G TRANSISTOR 2SA1162-G TRANSISTOR 2SA1162-G		R346 R347	1-216-295-91 1-216-025-91	SHORT	0 100	5%	1/10W
Q319 Q322	8-729-216-22	TRANSISTOR 2SA1162-G TRANSISTOR 2SA1162-G		R349 R355 R358	1-216-295-91 1-216-295-91 1-216-055-00	SHORT	0 0 1.8K	5%	1/10W
Q323 Q325 Q326	8-729-216-22	TRANSISTOR 2SA1162-G TRANSISTOR 2SA1162-G TRANSISTOR 2SA1162-G		R359 R360	1-216-061-00		3.3K 4.7K	5%	1/10W 1/10W



REF. NO.	PART NO.	DESCRIPTION		:	REMARK	REF. NO.	PART NO.	DESCRIPTION		R	EMARK
R361	1-216-055-00	RES,CHIP	1.8K	5%	1/10W	R442	1-208-755-11	METAL CHIP	75	0.50%	1/10W
R362	1-216-061-00		3.3K	5%	1/10W	R443		METAL CHIP	220	0.50%	1/10W
R363	1-216-025-91		100	5%	1/10W	R444	1-216-295-91	SHORT	0		
R364	1-216-041-00		470	5%	1/10W	2115	1 200 5 5 11	A COUNTY OF THE	200	0.500/	4 /4 0377
R365	1-216-295-91	SHORT	0			R445		METAL CHIP	200	0.50%	1/10W
D266	1 216 025 01	DEC CHID	100	5%	1/10W	R447 R448	1-216-295-91 1-216-295-91		0		
R366 R367	1-216-025-91 1-216-041-00		470	5%	1/10W 1/10W	R448 R449	1-216-295-91		0		
R368		METAL CHIP			1/10W	R450	1-216-049-91		1K	5%	1/10W
R370	1-216-025-91		100	5%	1/10W	11.00	1 210 0.7 71	1125,0111		270	1, 10 , ,
R371	1-216-025-91	*	100	5%	1/10W	R451	1-414-234-22	INDUCTOR CHIP	0μΗ		
						R452	1-216-049-91	RES,CHIP	1K	5%	1/10W
R372	1-208-776-11	METAL CHIP	560	0.50%	1/10W	R453	1-216-295-91	SHORT	0		
R375		METAL CHIP	56		1/10W	R454	1-216-295-91		0		
R376		METAL CHIP	56	0.50%	1/10W	R455	1-216-295-91	SHORT	0		
R377	1-216-295-91		0		4 (4 0 7 7 7	2015	4 04 4 00 7 04	arronm.			
R378	1-216-041-00	RES,CHIP	470	5%	1/10W	R456	1-216-295-91		0		
D200	1 200 776 11	METAL CHID	5.00	0.500/	1/10337	R457	1-216-295-91		0		
R380 R381		METAL CHIP METAL CHIP			1/10W 1/10W	R458 R459	1-216-295-91	METAL CHIP	1.5K	0.50%	1/10W
R382		METAL CHIP	68		1/10W	R459	1-216-025-91		100	5%	1/10W
R383	1-216-295-91		0	0.5070	, 1/10 **	14400	1 210 023 71	KL5,CIII	100	370	1/10 **
R384		METAL CHIP	68	0.50%	1/10W	R461	1-216-049-91	RES.CHIP	1K	5%	1/10W
						R462		METAL CHIP	2.2K	0.50%	
R386	1-216-295-91	SHORT	0			R463	1-216-025-91	RES,CHIP	100		1/10W
R390	1-216-295-91	SHORT	0			R464	1-216-049-91	RES,CHIP	1K	5%	1/10W
R392	1-216-295-91	SHORT	0			R465	1-208-790-11	METAL CHIP	2.2K	0.50%	1/10W
R393		METAL CHIP	56	0.50%	1/10W						
R394	1-216-295-91	SHORT	0			R466	1-216-025-91		100		1/10W
D207	1 216 041 00	DEC CITID	470	50 /	1/10337	R467	1-216-045-00		680		1/10W
R397	1-216-041-00	METAL CHIP	470 560	5%	1/10W 1/10W	R468 R469		METAL CHIP	2.2K 100		1/10W
R400 R401		METAL CHIP			1/10W 1/10W	R409 R474	1-216-025-91 1-216-295-91		0	3%	1/10W
R402		METAL CHIP	56		1/10W	1474	1-210-275-71	SHORI	U		
R403	1-216-295-91		0	0.5070	, 1,1011	R475	1-216-295-91	SHORT	0		
						R477	1-216-295-91		0		
R404	1-216-077-91	RES,CHIP	15K	5%	1/10W	R478	1-216-295-91	SHORT	0		
R405	1-208-794-11	METAL CHIP	3.3K	0.50%	1/10W	R480	1-216-073-00	RES,CHIP	10K	5%	1/10W
R406	1-216-049-91	RES,CHIP	1K	5%	1/10W	R481	1-216-073-00	RES,CHIP	10K	5%	1/10W
R407	1-216-295-91		0								
R408	1-208-766-11	METAL CHIP	220	0.50%	1/10W	R482	1-216-073-00		10K	5%	1/10W
D.412	1 216 025 01	DEC CHID	100	F0/	1/1037	R483	1-216-073-00 1-216-073-00		10K	5%	1/10W
R413 R414	1-216-025-91	METAL CHIP	100 200	5%	1/10W 1/10W	R484 R485	1-216-073-00	,	10K 10K	5% 5%	1/10W 1/10W
R414 R416	1-206-703-11		15K	5%	1/10W	R486	1-216-073-00		10K		1/10W 1/10W
R417	1-216-077-91		15K	5%	1/10W	100	1 210 073 00	RES,CIII	1011	570	1/10 **
R418		METAL CHIP	56		1/10W	R487	1-216-073-00	RES,CHIP	10K	5%	1/10W
						R488	1-216-073-00	RES,CHIP	10K	5%	1/10W
R421		METAL CHIP	620	0.50%	1/10W	R489	1-216-073-00	RES,CHIP	10K	5%	1/10W
R422	1-216-049-91	*	1K	5%	1/10W	R490	1-216-073-00	*	10K	5%	1/10W
R423	1-216-025-91		100	5%	1/10W	R491	1-216-073-00	RES,CHIP	10K	5%	1/10W
R424		METAL CHIP		0.50%	1/10W	D. 102		DEG GIVE	4077	- · ·	4 /4 0777
R425	1-216-295-91	SHORT	0			R492	1-216-073-00		10K	5%	1/10W
D 426	1 216 205 01	CHODT	0			R493	1-216-073-00		10K	5% 5%	1/10W 1/10W
R426 R428	1-216-295-91 1-216-295-91		0			R494 R495	1-216-073-00 1-216-073-00		10K 10K	5%	1/10W 1/10W
R429		METAL CHIP		0.50%	1/10W	R496	1-216-073-00	*	10K	5%	1/10W
R430		METAL CHIP	56		1/10W			,		•	5 11
R431	1-216-295-91		0			R497	1-216-073-00	RES,CHIP	10K	5%	1/10W
						R498	1-216-073-00		10K	5%	1/10W
R433	1-208-755-11	METAL CHIP	75	0.50%	1/10W	R499	1-216-295-91	SHORT	0		
R434	1-216-295-91		0			R2301	1-216-065-91		4.7K	5%	1/10W
R437	1-216-295-91		0	0 = -	4 /4 0===	R2302	1-216-025-91	RES,CHIP	100	5%	1/10W
R438		METAL CHIP			1/10W	D2202	1 200 766 11	METAL CHID	220	0.500/	1/10337
R439	1-216-049-91	KES,CHIP	1K	5%	1/10W	R2303		METAL CHIP	220 2.2K		1/10W
R440	1_208_752_11	METAL CHIP	56	0.50%	1/10W	R2304 R2305	1-216-057-00	METAL CHIP	2.2K 220		1/10W 1/10W
R441		METAL CHIP	56		1/10W 1/10W	R2306	1-206-700-11		100		1/10W 1/10W
								,			

REF. NO.	PART NO.	DESCRIPTION			REMARK	REF. NO.	PART NO.	DESCRIPTION]	REMARK
R2307	1-208-778-11	METAL CHIP	680	0.50%	1/10W	C018	1-126-204-11	ELECT CHIP	47μF	20%	16V
						C019	1-163-038-91	CERAMIC CHIP	$0.1\mu F$		25V
R2308	1-208-772-11	METAL CHIP	390	0.50%	1/10W	C021	1-163-038-91	CERAMIC CHIP	$0.1\mu F$		25V
R2309	1-216-025-91	RES,CHIP	100	5%	1/10W	C022	1-163-038-91	CERAMIC CHIP	$0.1 \mu F$		25V
R2310	1-208-780-11	METAL CHIP	820	0.50%	1/10W	C023	1-163-038-91	CERAMIC CHIP	0.1µF		25V
R2311	1-216-057-00	RES.CHIP	2.2K	5%	1/10W						
R2312		METAL CHIP	820		1/10W	C024	1-126-204-11	ELECT CHIP	47µF	20%	16V
112312	1 200 700 11	WEITE CITE	020	0.5070	1,1011	C025		CERAMIC CHIP	0.1µF	2070	25V
R2314	1_208_788_11	METAL CHIP	1.8K	0.50%	1/10W	C026		CERAMIC CHIP	0.1μF		25V
R2315	1-216-025-91		100	5%	1/10W	C028		CERAMIC CHIP	0.1μF		25V
R2316	1-216-057-00		2.2K	5%	1/10W	C020		ELECT CHIP	10μF	20%	16V
R2317			2.2K 2.2K		I	C030	1-124-779-00	ELECT CHIF	τομι	2070	10 V
	1-216-057-00			5%	1/10W	G021	1 164 246 11	CED A MIC CLUD	1		1.637
R2318	1-216-025-91	RES,CHIP	100	5%	1/10W	C031		CERAMIC CHIP	1μF		16V
D2210	1 200 702 11	METAL CHID	177	0.500/	1/10337	C032		CERAMIC CHIP	1μF		16V
R2319		METAL CHIP	1K		1/10W	C034		CERAMIC CHIP	0.1μF		25V
R2320	1-216-025-91		100	5%	1/10W	C035		CERAMIC CHIP	0.1µF		25V
R2321		METAL CHIP	1K		1/10W	C036	1-126-204-11	ELECT CHIP	47μF	20%	16V
R2322	1-208-782-11	METAL CHIP	1K	0.50%	1/10W						
R2323	1-216-655-11	METAL CHIP	1.5K	0.50%	1/10W	C037	1-126-204-11	ELECT CHIP	47μF	20%	16V
						C038	1-163-038-91	CERAMIC CHIP	$0.1\mu F$		25V
R2325	1-216-025-91	RES,CHIP	100	5%	1/10W	C039	1-163-038-91	CERAMIC CHIP	$0.1\mu F$		25V
R2326	1-216-025-91	RES,CHIP	100	5%	1/10W	C040	1-126-204-11	ELECT CHIP	47μF	20%	16V
R2327	1-216-057-00	RES,CHIP	2.2K	5%	1/10W	C042	1-104-760-11	CERAMIC CHIP	$0.047 \mu F$	10%	50V
R2328	1-216-057-00	RES,CHIP	2.2K	5%	1/10W						
R2329	1-208-782-11	METAL CHIP	1K	0.50%	1/10W	C043	1-163-235-11	CERAMIC CHIP	22pF	5%	50V
						C044		CERAMIC CHIP	22pF	5%	50V
R2330	1-216-025-91	RES.CHIP	100	5%	1/10W	C045		CERAMIC CHIP	0.1µF		25V
R2331		METAL CHIP	1K		1/10W	C046		CERAMIC CHIP	0.47µF	10%	16V
R2332	1-216-057-00		2.2K	5%	1/10W	C047		CERAMIC CHIP	0.1μF	1070	25V
R2333		METAL CHIP	15K		1/10W	C0+7	1 103 030 71	CLICITY IVIIC CITII	0.1μ1		23 1
R2334		METAL CHIP	8.2K		1/10W	C050	1 126 206 11	ELECT CHIP	100μF	20%	6.3V
K2334	1-200-004-11	WIETAL CITI	0.2IX	0.5070	1/10 VV	C050		CERAMIC CHIP	0.1μF	2070	25V
R2335	1 200 004 11	METAL CHID	8.2K	0.500/	1/10W	C052		ELECT CHIP	0.1μΓ 47μF	20%	25 V 16 V
		METAL CHIP			I				•	20%	
R2336	1-216-089-91		47K	5%	1/10W	C054		CERAMIC CHIP	0.1μF		25V
R2337	1-216-089-91		47K	5%	1/10W	C055	1-163-038-91	CERAMIC CHIP	0.1μF		25V
R2338		METAL CHIP	12K		1/10W						
R2339	1-216-089-91	RES,CHIP	47K	5%	1/10W	C056		ELECT CHIP	47μF	20%	16V
						C058		CERAMIC CHIP	$0.47\mu F$		16V
R2340	1-216-089-91	RES,CHIP	47K	5%	1/10W	C059		ELECT CHIP	47μF	20%	16V
						C060		CERAMIC CHIP	18pF	5%	50V
						C062	1-163-231-11	CERAMIC CHIP	15pF	5%	50V
*******	********	******	******	*****	*****	C063		CERAMIC CHIP	$0.1\mu F$		25V
						C064		ELECT CHIP	47μF	20%	16V
*	A-1131-470-A	BM BOARD, COM	IPLETE			C066	1-163-017-00	CERAMIC CHIP	$0.0047 \mu F$	10%	50V
		******	*****			C067	1-164-005-11	CERAMIC CHIP	$0.47\mu F$		16V
						C068	1-163-038-91	CERAMIC CHIP	$0.1\mu F$		25V
		<capacitor></capacitor>				C069	1-163-038-91	CERAMIC CHIP	$0.1 \mu F$		25V
						C070	1-126-204-11	ELECT CHIP	47μF	20%	16V
C001	1-163-038-91	CERAMIC CHIP	$0.1\mu F$		25V	C071	1-163-038-91	CERAMIC CHIP	$0.1\mu F$		25V
C002	1-107-823-11	CERAMIC CHIP	$0.47\mu F$	10%	16V	C072	1-163-038-91	CERAMIC CHIP	$0.1\mu F$		25V
C003	1-104-760-11	CERAMIC CHIP	$0.047 \mu F$	10%	50V	C073	1-163-038-91	CERAMIC CHIP	0.1µF		25V
C004	1-163-038-91	CERAMIC CHIP	0.1µF		25V						
C005	1-163-038-91	CERAMIC CHIP	0.1µF		25V	C074	1-126-204-11	ELECT CHIP	47μF	20%	16V
						C075		CERAMIC CHIP	0.0022µF	10%	50V
C006	1-126-204-11	ELECT CHIP	47μF	20%	16V	C076		CERAMIC CHIP	0.1µF		25V
C009		ELECT CHIP	47μF	20%	16V	C077		ELECT CHIP	47μF	20%	16V
C010		CERAMIC CHIP	0.1µF		25V	C078		CERAMIC CHIP	0.47μF	10%	16V
C011		CERAMIC CHIP	0.1µF		25V	20.0	1 13. 023 11		, poz	- 5 / 0	'
C012		CERAMIC CHIP	0.1µF		25V	C081	1-164-161-11	CERAMIC CHIP	0.0022µF	10%	50V
C012	1 105 050-71	CLIVIUM CIIII	υ.1μ1		20 1	C081		CERAMIC CHIP	0.0022μΓ	10/0	25V
C013	1-163-039 01	CERAMIC CHIP	0.1µF		25V	C082		CERAMIC CHIP	0.1μF 0.1μF		25 V 25 V
C013			•		25 V 25 V				•		
C014 C015		CERAMIC CHIP	0.1μF	200/	25 V 16 V	C084		CERAMIC CHIP	0.1μF		25V
		ELECT CHIP	47μF	20%		C085	1-103-038-91	CERAMIC CHIP	0.1μF		25V
C016		CERAMIC CHIP	0.1μF		25V	C007	1 126 204 11	ELECT CLUP	47uE	200/	1617
C017	1-103-038-91	CERAMIC CHIP	0.1µF		25V	C086		ELECT CHIP	47μF	20%	16V
						C087	1-103-231-11	CERAMIC CHIP	100pF	5%	50V



REF. NO.	PART NO.	DESCRIPTION			REMARK	REF. NO.	PART NO.	DESCRIPTION			REMARK
C089	1-163-237-11	CERAMIC CHIP	27pF	5%	50V	C149	1-126-204-11	ELECT CHIP	47μF	20%	16V
C090	1-163-231-11	CERAMIC CHIP	15pF	5%	50V				·		
C091	1-163-038-91	CERAMIC CHIP	0.1μF		25V	C150		ELECT CHIP	47μF	20%	16V
C092	1 126 204 11	ELECT CHIP	47μF	20%	16V	C151 C152		CERAMIC CHIP CERAMIC CHIP	0.1μF 0.1μF		25V 25V
C092		CERAMIC CHIP	4/μΓ 0.1μF	2070	25V	C152		ELECT CHIP	0.1μΓ 10μF	20%	16V
C094		CERAMIC CHIP	0.1μF		25V	C154		CERAMIC CHIP	0.1μF	2070	25V
C095		CERAMIC CHIP	0.1μF		25V				•		
C096	1-163-038-91	CERAMIC CHIP	$0.1\mu F$		25V	C155		CERAMIC CHIP	$0.1 \mu F$		25V
G00#	1 1 52 020 01	CER LLEG CHER	0.4.5		2511	C156		ELECT CHIP	10μF	20%	16V
C097 C098		CERAMIC CHIP ELECT CHIP	0.1μF	20%	25V 16V	C157 C158		CERAMIC CHIP ELECT CHIP	0.1μF	20%	25V
C100		CERAMIC CHIP	47μF 0.1μF	2070	25V	C158		CERAMIC CHIP	47μF 0.1μF	2070	16V 25V
C101		CERAMIC CHIP	0.1μF		25V	C137	1 103 030 71	CLICALVIIC CITI	0.1μ1		23 1
C102		CERAMIC CHIP	0.1μF		25V	C160	1-126-204-11	ELECT CHIP	47μF	20%	16V
						C161	1-163-038-91	CERAMIC CHIP	$0.1 \mu F$		25V
C103		CERAMIC CHIP	0.1μF		25V						
C104		ELECT CHIP	47μF	20%	16V			CONNECTOR.			
C105 C106		CERAMIC CHIP ELECT CHIP	0.1μF 47μF	20%	25V 16V			<connector></connector>			
C100		CERAMIC CHIP	4/μΓ 0.1μF	2070	25V	CN001	1-573-301-21	CONNECTOR, BC	ARD TO F	BOARE	20P
0107	1 100 000 71	0211111110 01111	011101		20 .	CN002		CONNECTOR, BC			
C108	1-163-038-91	CERAMIC CHIP	$0.1 \mu F$		25V						
C109		CERAMIC CHIP	$0.1\mu F$		25V						
C110		ELECT CHIP	10μF	20%	16V			<diode></diode>			
C111 C112		ELECT CHIP	10μF	20%	16V 25V	D001	9 710 072 01	DIODE MA111 (I	Z0) C0		
C112	1-103-036-91	CERAMIC CHIP	0.1μF		23 V	D001 D002		DIODE MA111-(I			
C113	1-163-038-91	CERAMIC CHIP	0.1µF		25V	D002		DIODE MA111-(I			
C114		CERAMIC CHIP	0.1μF		25V		0 , 1, 0, 0	(/		
C115	1-163-038-91	CERAMIC CHIP	0.1μF		25V						
C116		ELECT CHIP	47μF	20%	16V			<filter></filter>			
C117	1-163-038-91	CERAMIC CHIP	0.1μF		25V	ET 001	1 222 505 21	EHTED LOWDA	10		
C118	1_163_038_91	CERAMIC CHIP	0.1µF		25V	FL001 FL002		FILTER, LOW PAS FILTER, LOW PAS			
C119		CERAMIC CHIP	0.1μ1 0.47μF	10%	16V	FL002		FILTER, LOW PAS			
C120		CERAMIC CHIP	0.047µF	10%	50V	FL007		FILTER, LOW PAS			
C121	1-163-038-91	CERAMIC CHIP	0.1μF		25V	FL008	1-233-945-21	FILTER, LOW PAS	SS		
C122	1-124-779-00	ELECT CHIP	10μF	20%	16V						
C122	1 162 020 01	CED AMIC CHID	0.1E		251	FL009		FILTER, LOW PAS			
C123 C124		CERAMIC CHIP ELECT CHIP	0.1μF 47μF	20%	25V 16V	FL010 FL011		FILTER, LOW PAS FILTER, LOW PAS			
C125		CERAMIC CHIP	0.1μF	2070	25V	FL012		FILTER, LOW PAS			
C126		CERAMIC CHIP	0.1μF		25V			,			
C127	1-126-204-11	ELECT CHIP	47μF	20%	16V						
								<ic></ic>			
C128 C129		CERAMIC CHIP ELECT CHIP	100pF	5% 20%	50V 16V	IC001	9 750 467 00	IC MCM540221T	C V		
C129 C130		ELECT CHIP	47μF 10μF	20%	16V 16V	IC001 IC002		IC MSM548331T3 IC TLC2932IPW	3-IX		
C130		CERAMIC CHIP	0.1μF	2070	25V	IC002		IC CXD2303AQ			
C132		ELECT CHIP	47μF	20%	16V	IC004		IC TC7SET08FU(TE85L)		
			•			IC005	8-759-527-74	IC M24C02-MN6	T		
C133		CERAMIC CHIP	$0.1 \mu F$		25V						
C134		CERAMIC CHIP	0.1μF		25V	IC006		IC PST9143NL	TEOSI)		
C135 C136		CERAMIC CHIP CERAMIC CHIP	0.1μF 0.1μF		25V 25V	IC007 IC008		IC TC7SET08FU(IC TLC2932IPW	(TE85L)		
C137		CERAMIC CHIP	0.1μF		25V	IC009		IC CXP85840A-0	340		
						IC010		IC CXD2079Q			
C138	1-163-038-91	CERAMIC CHIP	$0.1 \mu F$		25V			-			
C141		ELECT CHIP	10μF	20%	16V	IC011		IC TLC2932IPW			
C142		CERAMIC CHIP	0.1µF		25V	IC012		IC TC7SET08FU(
C143 C144		CERAMIC CHIP ELECT CHIP	0.1μF 47μF	20%	25V 16V	IC013 IC014		IC MSM548331T3 IC CXD2303AQ	5-K		
C144	1-120-204-11	LLECT CHIP	+/μΓ	20%	101	10014	0-134-300-98	IC CAD2503AQ			
C145	1-163-038-91	CERAMIC CHIP	0.1µF		25V						
C146		CERAMIC CHIP	0.1μF		25V			<coil></coil>			
C147		CERAMIC CHIP	$0.1 \mu F$		25V						
C148	1-163-038-91	CERAMIC CHIP	0.1µF		25V	L001	1-414-234-22	INDUCTOR CHIP	0μΗ		



REF. NO.	PART NO.	DESCRIPTION		ļ	REMARK	REF. NO.	PART NO.	DESCRIPTION		Ē	REMARK
L002	1-414-234-22	INDUCTOR CHIP	OuH			R009	1-216-049-91	RES CHIP	1K	5%	1/10W
L003		INDUCTOR CHIP				R010	1-216-295-91	*	0	2,0	1, 10
L004	1-414-234-22	INDUCTOR CHIP	0μΗ			R012	1-208-794-11	METAL CHIP	3.3K	0.50%	1/10W
L005	1-414-234-22	INDUCTOR CHIP	0μΗ			R013	1-216-041-00	RES,CHIP	470	5%	1/10W
						R014	1-208-776-11	METAL CHIP	560	0.50%	1/10W
L006		INDUCTOR CHIP	•			D016	1 216 012 00	DEG CIHD	22	50/	1 /1 0337
L007 L008	1-414-754-11 1-414-754-11		10μΗ 10μΗ			R016 R018	1-216-013-00 1-216-295-91		33 0	5%	1/10W
L009	1-414-754-11		10μΗ 10μΗ			R019	1-216-293-91		2.2K	5%	1/10W
L010		INDUCTOR CHIP				R020	1-216-049-91	*	1K		1/10W
			~ p			R021	1-216-049-91		1K		1/10W
L011	1-414-754-11	INDUCTOR	10μΗ								
L012	1-414-754-11		10μΗ			R022	1-216-049-91		1K		1/10W
L013		INDUCTOR CHIP	•			R023		METAL CHIP	68		1/10W
L014	1-414-754-11		10μΗ			R024		METAL CHIP	560	0.50%	
L015	1-414-234-22	INDUCTOR CHIP	υμΗ			R025 R026	1-208-754-11	METAL CHIP	68 2.2K	0.50% 5%	1/10W 1/10W
L016	1-414-234-22	INDUCTOR CHIP	0uH			1020	1-210-037-00	KL5,CIII	2.2IX	370	1/10 **
L017		INDUCTOR CHIP	•			R027	1-208-754-11	METAL CHIP	68	0.50%	1/10W
L018		INDUCTOR CHIP				R028		METAL CHIP	330		1/10W
L019		INDUCTOR CHIP	•			R029	1-208-800-11	METAL CHIP	5.6K		1/10W
L020	1-414-234-22	INDUCTOR CHIP	0μΗ			R030	1-216-049-91		1K		1/10W
T 001	1 414 224 22	INDUCTOR CHIR	011			R032	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
L021 L022		INDUCTOR CHIP INDUCTOR CHIP	•			R033	1 200 776 11	METAL CHIP	560	0.50%	1/10337
L022 L023		INDUCTOR CHIP				R035	1-208-770-11		33		1/10W 1/10W
L023		INDUCTOR CHIP				R036	1-216-013-00		33		1/10W
L025		INDUCTOR CHIP	•			R037	1-216-033-00	*	220		1/10W
			•			R038		METAL CHIP	68	0.50%	1/10W
L026		INDUCTOR CHIP									
L027		INDUCTOR CHIP	•			R039		METAL CHIP	5.6K		1/10W
L028	1-414-234-22	INDUCTOR CHIP	' 0μΗ			R040		METAL CHIP	68		1/10W
						R042 R046	1-216-049-91		1K 330		1/10W 1/10W
		<transistor></transistor>				R048	1-216-037-00 1-216-025-91		100		1/10W 1/10W
		\TRANSISTOR>				1040	1-210-023-71	KL5,CIII	100	370	1/10 **
Q001	8-729-422-27	TRANSISTOR 25	SD601A-Q			R050	1-216-049-91	RES,CHIP	1K	5%	1/10W
Q002		TRANSISTOR 25				R052		METAL CHIP	68	0.50%	1/10W
Q006		TRANSISTOR 25				R059	1-216-295-91	SHORT	0		
Q007		TRANSISTOR 25				R060		METAL CHIP	68		1/10W
Q009	8-729-422-27	TRANSISTOR 25	SD601A-Q			R061	1-216-025-91	RES,CHIP	100	5%	1/10W
Q010	8 720 216 22	TRANSISTOR 25	SA 1162 G			R064	1-216-041-00	DEC CHID	470	5%	1/10W
Q010 Q018		TRANSISTOR 25				R065	1-216-041-00		100	5%	1/10W 1/10W
Q019		TRANSISTOR 25				R066	1-216-033-00		220	5%	1/10W
Q020		TRANSISTOR 25				R067	1-216-033-00		220		1/10W
Q021	8-729-216-22	TRANSISTOR 25	SA1162-G			R070	1-216-033-00	RES,CHIP	220	5%	1/10W
Q022		TRANSISTOR 25				R072	1-216-295-91		0		
Q023 Q025		TRANSISTOR 25				R073 R074	1-216-295-91 1-216-295-91		0		
Q023 Q026		TRANSISTOR 25				R074 R075	1-216-295-91		0		
Q027		TRANSISTOR 25				R076	1-216-295-91		0		
Q028	8-729-216-22	TRANSISTOR 25	SA1162-G			R077	1-216-295-91	SHORT	0		
Q029		TRANSISTOR 25				R078		METAL CHIP	4.3K		1/10W
Q030		TRANSISTOR 25				R079	1-216-025-91	*	100	5%	1/10W
Q031		TRANSISTOR 25	-	T1/6		R080 R081	1-216-025-91		100 4.7K	5% 5%	1/10W
Q032	1-001-000-11	TRANSISTOR D	1 C 144EKA-	1140		NU01	1-216-065-91	кез,спіг	4./K	J 7/0	1/10W
						R082	1-216-065-91	RES.CHIP	4.7K	5%	1/10W
		<resistor></resistor>				R086	1-216-051-00		1.2K	5%	1/10W
						R087	1-216-117-00		680K	5%	1/10W
R001	1-216-117-00		680K	5%	1/10W	R090	1-216-025-91		100	5%	1/10W
R002	1-216-051-00		1.2K	5%	1/10W	R091	1-216-295-91	SHORT	0		
R003	1-216-295-91		0	F0/	1/10337	D002	1 216 061 00	DEC CLUB	2 277	F0/	1/10337
R007	1-216-041-00		470 5.6K	5%	1/10W	R093	1-216-061-00		3.3K	5% 5%	1/10W
R008	1-200-800-11	METAL CHIP	5.6K	0.50%	1/10W	R094	1-216-051-00	кез,спір	1.2K	5%	1/10W



REF. NO.	PART NO.	DESCRIPTION		j	REMARK	REF. NO.	PART NO.	DESCRIPTION		R	REMARK
R098	1-216-057-00	· · · · · · · · · · · · · · · · · · ·	2.2K	5%	1/10W	R166	1-216-049-91	RES,CHIP	1K	5%	1/10W
R099 R100	1-216-117-00 1-216-053-00		680K 1.5K	5% 5%	1/10W 1/10W	R167	1-216-057-00	DES CHID	2.2K	5%	1/10W
K100	1-210-055-00	KES,CHIF	1.3K	370	1/10 W	R170	1-216-037-00		56	5%	1/10W 1/10W
R101	1-216-295-91	SHORT	0			R170	1-216-121-91		1M	5%	1/10W 1/10W
R102	1-216-293-91		470	5%	1/10W	R171	1-216-057-00	*	2.2K	5%	1/10W 1/10W
R102	1-216-041-00	<i>'</i>	33K	5%	1/10W 1/10W	R172		METAL CHIP	560		1/10W 1/10W
R100	1-216-295-91	*	0	370	1/10 W	K1/3	1-206-770-11	METAL CHIF	300	0.50%	1/10 VV
R107	1-216-293-91		47	5%	1/10W	R175	1-216-049-91	DES CHID	1K	5%	1/10W
K100	1-210-017-71	KL5,CIII	7/	370	1/10**	R176	1-216-049-91		1K	5%	1/10W
R109	1-216-295-91	SHORT	0			R177	1-216-049-91		1K	5%	1/10W
R110	1-216-017-91		47	5%	1/10W	R177	1-216-025-91	, -	100		1/10W
R111	1-216-295-91		0	570	1/10 **	R181	1-216-057-00		2.2K	5%	1/10W
R112	1-216-049-91		1K	5%	1/10W	KIOI	1 210 037 00	RL5,CIII	2.21	570	1/10**
R113	1-216-033-00	· · · · · · · · · · · · · · · · · · ·	220	5%	1/10W	R182	1-208-800-11	METAL CHIP	5.6K	0.50%	1/10W
11110	1 210 000 00	TLLB,CIII		270	1,10 ,,	R183	1-216-049-91		1K	5%	1/10W
R118	1-216-025-91	RES CHIP	100	5%	1/10W	R185	1-216-049-91		1K		1/10W
R119	1-216-085-00	*	33K	5%	1/10W	R194	1-216-295-91		0	2,0	1,10 ,,
R120	1-216-295-91	<i>'</i>	0		-,	R195	1-216-049-91		1K	5%	1/10W
R121	1-216-053-00		1.5K	5%	1/10W	11170	1 210 0.7 71	1125,0111		2,0	1,10 ,,
R122	1-216-061-00		3.3K	5%	1/10W	R198	1-216-025-91	RES.CHIP	100	5%	1/10W
		,-				R200		METAL CHIP	68	0.50%	1/10W
R123	1-216-025-91	RES.CHIP	100	5%	1/10W	R201	1-216-033-00		220	5%	1/10W
R124	1-216-049-91	· · · · · · · · · · · · · · · · · · ·	1K	5%	1/10W	R202	1-216-037-00	*	330	5%	1/10W
R125		METAL CHIP	150		1/10W	R203	1-216-049-91		1K	5%	1/10W
R127	1-216-049-91	RES,CHIP	1K	5%	1/10W			,-			
R128	1-216-057-00		2.2K	5%	1/10W	R204	1-216-049-91	RES,CHIP	1K	5%	1/10W
						R205	1-216-049-91		1K	5%	1/10W
R129	1-216-025-91	RES,CHIP	100	5%	1/10W	R206	1-208-754-11	METAL CHIP	68	0.50%	1/10W
R130	1-216-655-11	METAL CHIP	1.5K	0.50%	1/10W	R207	1-208-754-11	METAL CHIP	68	0.50%	1/10W
R131	1-216-033-00	RES,CHIP	220	5%	1/10W	R208	1-208-770-11	METAL CHIP	330	0.50%	1/10W
R132	1-216-025-91	RES,CHIP	100	5%	1/10W						
R133	1-216-025-91	RES,CHIP	100	5%	1/10W	R210	1-216-013-00	RES,CHIP	33	5%	1/10W
						R212	1-216-013-00	RES,CHIP	33	5%	1/10W
R134	1-216-057-00	RES,CHIP	2.2K	5%	1/10W	R214	1-216-041-00		470	5%	1/10W
R135	1-216-053-00	RES,CHIP	1.5K	5%	1/10W	R215	1-216-295-91	SHORT	0		
R136	1-216-061-00	RES,CHIP	3.3K	5%	1/10W	R216	1-208-794-11	METAL CHIP	3.3K	0.50%	1/10W
R137	1-208-769-11	METAL CHIP	300	0.50%	1/10W						
R138	1-208-770-11	METAL CHIP	330	0.50%	1/10W	R217	1-216-051-00		1.2K	5%	1/10W
						R218	1-216-117-00	, .	680K	5%	1/10W
R139	1-216-025-91		100	5%	1/10W	R219	1-216-013-00		33	5%	1/10W
R140	1-216-057-00		2.2K	5%	1/10W	R220		METAL CHIP	68		1/10W
R141	1-216-117-00		680K	5%	1/10W	R221	1-208-754-11	METAL CHIP	68	0.50%	1/10W
R142		METAL CHIP	1K		1/10W	D. 2.2.2	1 200 551 11	A FERRAL A CATANA		0.500/	4 /4 0777
R143	1-216-049-91	RES,CHIP	1K	5%	1/10W	R222		METAL CHIP	68		1/10W
D144	1 216 041 00	DEC CIUD	470	50/	1 /1 0337	R223		METAL CHIP	68	0.50%	1/10W
R144	1-216-041-00	, .	470	5%	1/10W	R226	1-216-295-91		0		
R145 R146	1-216-085-00	<i>'</i>	33K 5.6K	5%	1/10W	R227	1-216-295-91		0		
		METAL CHIP			1/10W	R228	1-216-295-91	SHOKI	0		
R147 R148	1-216-049-91	METAL CHIP	1K 300	5%	1/10W 1/10W	R229	1-216-295-91	CHODT	0		
K140	1-206-709-11	METALCHIF	300	0.30%	1/10 W	R230	1-216-295-91		0		
R149	1-216-025-91	DEC CHID	100	5%	1/10W	R231	1-216-295-91		0		
R150		METAL CHIP	150		1/10W 1/10W	R232	1-216-295-91		0		
R151		METAL CHIP	1.5K		1/10W	R233	1-216-295-91		0		
R153		METAL CHIP	560		1/10W	10233	1-210-275-71	SHORI	U		
R154	1-216-025-91		100	5%	1/10W	R234	1-216-295-91	SHORT	0		
10154	1 210 023 71	KLS,CIII	100	370	1/10 **	R235	1-216-295-91		0		
R155	1-208-798-11	METAL CHIP	4.7K	0.50%	1/10W	R236	1-216-295-91		0		
R156		METAL CHIP	470		1/10W	R237	1-216-295-91		0		
R157	1-216-057-00		2.2K	5%	1/10W	R238	1-216-295-91		0		
R159	1-216-057-00		2.2K	5%	1/10W	-1200	10 2/0 /1		-		
R160		METAL CHIP	560		1/10W	R239	1-216-295-91	SHORT	0		
						R240	1-216-295-91		0		
R161	1-216-295-91	SHORT	0			R241	1-216-295-91		0		
R163		METAL CHIP	150	0.50%	1/10W	R242	1-216-295-91		0		
R164		METAL CHIP	1.5K	0.50%	1/10W	R243	1-216-295-91		0		
R165	1-208-800-11	METAL CHIP	5.6K	0.50%	1/10W						





REF. NO.	PART NO.	DESCRIPTION			REMARK	REF. NO.	PART NO.	DESCRIPTION			REMARK
R244	1-216-295-91	SHORT	0			C523	1-163-021-91	CERAMIC CHIP	0.01µF	10%	50V
R245	1-216-295-91		0			C524	1-104-664-11		47μF	20%	25V
R246	1-216-295-91		0			C525	1-163-275-11	CERAMIC CHIP	$0.001 \mu F$	5%	50V
R247 R248	1-216-295-91 1-216-295-91		0			C526	1-163-017-00	CERAMIC CHIP	0.0047µF	10%	50V
11240	1 210 293 91	SHORI	O			C527	1-126-933-11		100μF	20%	16V
R249	1-216-295-91	SHORT	0			C528	1-126-916-11		1000μF	20%	6.3V
R250	1-216-295-91		0			C529		CERAMIC CHIP	$0.1 \mu F$		25V
R251	1-216-295-91		0			C530	1-163-038-91	CERAMIC CHIP	0.1μF		25V
R252 R253	1-216-295-91 1-216-295-91		0			C531	1-126-933-11	ELECT	100μF	20%	16V
K233	1-210-293-91	SHORI	U			C531	1-126-933-11		100μΓ 100μF	20%	16V 16V
R254	1-216-049-91	RES,CHIP	1K	5%	1/10W	C533		CERAMIC CHIP	0.1μF		25V
R257	1-216-295-91		0			C534		CERAMIC CHIP	$0.1 \mu F$		25V
R258	1-216-049-91		1K	5%	1/10W	C535	1-104-665-11	ELECT	100μF	20%	25V
R259 R260	1-216-295-91 1-216-295-91		0			C536	1 164 161 11	CERAMIC CHIP	0.0022µF	10%	50V
K200	1-210-293-91	SHORI	U			C537	1-104-101-11		0.0022μΓ 47μF	20%	25V
R261	1-216-295-91	SHORT	0			C538	1-126-964-11		10μF	20%	50V
R262	1-216-295-91		0			C539		CERAMIC CHIP	0.1μF		25V
R263	1-216-295-91		0		4 /4 0777	C540	1-126-918-11	ELECT	4700μF	20%	6.3V
R273 R274	1-216-033-00 1-216-065-91		220 4.7K	5% 5%	1/10W 1/10W	C541	1 162 029 01	CERAMIC CHIP	0.1µF		25V
K2/4	1-210-003-91	KES,CHIF	4./K	370	1/10 W	C541		CERAMIC CHIP	0.1μF 0.1μF		25 V 25 V
						C543	1-126-960-11		1µF	20%	50V
		<crystal></crystal>				C544	1-163-243-11	CERAMIC CHIP	47pF	5%	50V
						C545	1-126-964-11	ELECT	10μF	20%	50V
X001		VIBRATOR, CRYS				C516	1 162 145 00	CED AMIC CUID	0.00150E	50/	501/
X002	1-707-034-21	VIBRATOR, CRYS	IAL			C546 C548		CERAMIC CHIP CERAMIC CHIP	0.0015μF 0.0018μF		50V 50V
						C550		CERAMIC CHIP	270pF	5%	50V
						C551		CERAMIC CHIP	0.1μF		25V
*****	********	************	*******	*****	*****	C552	1-126-934-11	ELECT	220μF	20%	16V
*	A-1298-973-A	A BOARD, COMP	LETE			C553	1-126-960-11	ELECT	1μF	20%	50V
		******	****			C554	1-163-809-11	CERAMIC CHIP	0.047μF	10%	25V
						C555		CERAMIC CHIP	220pF	5%	50V
	4-382-854-11	SCREW(M3X10), I	P, SW (+)			C557 C558	1-126-960-11		1μF	20% 5%	50V 50V
						C338	1-103-231-11	CERAMIC CHIP	100pF	3%	30 V
		<capacitor></capacitor>				C559	1-126-963-11	ELECT	4.7μF	20%	50V
						C560	1-163-038-91	CERAMIC CHIP	0.1µF		25V
C501	1-126-933-11		100μF	20%	16V	C561	1-104-664-11		47μF	20%	25V
C502		CERAMIC CHIP	0.1μF		25V	C562		CERAMIC CHIP	0.1μF		25V
C503 C504	1-163-038-91	CERAMIC CHIP	0.1μF 100μF	20%	25V 25V	C563	1-163-038-91	CERAMIC CHIP	0.1μF		25V
C505		CERAMIC CHIP	0.01µF	2070	50V	C564	1-163-038-91	CERAMIC CHIP	0.1µF		25V
						C567		CERAMIC CHIP	0.1μF	10%	25V
C506	1-164-505-11	CERAMIC CHIP	$2.2\mu F$		16V	C569		CERAMIC CHIP	$0.047 \mu F$	10%	25V
C507	1-126-933-11		100μF	20%	16V	C570		CERAMIC CHIP	220pF	5%	50V
C508 C509		CERAMIC CHIP	0.01µF	10%	50V 50V	C571	1-163-251-11	CERAMIC CHIP	100pF	5%	50V
C509	1-103-021-91	CERAMIC CHIP FLECT	0.01μF 1000μF	10% 20%	6.3V	C572	1-163-038-91	CERAMIC CHIP	0.1µF		25V
0310	1 120 710 11	LLLC I	1000ра	2070	0.5 1	C574	1-126-960-11		1µF	20%	50V
C511	1-163-038-91	CERAMIC CHIP	$0.1 \mu F$		25V	C575	1-109-982-11	CERAMIC CHIP	i 1μF	10%	10V
C512		CERAMIC CHIP	0.1μF		25V	C576		CERAMIC CHIP	0.0033μF	10%	50V
C513	1-126-933-11		100μF	20%	16V	C577	1-163-038-91	CERAMIC CHIP	0.1μF		25V
C514 C515	1-163-038-91 1-104-664-11	CERAMIC CHIP FLECT	0.1μF 47μF	20%	25V 25V	C580	1-164-182-11	CERAMIC CHIP	0.0033µF	10%	50V
0010	2 201 00 1 11		p	_0/0	'	C581		CERAMIC CHIP	0.0055μ1	10/0	25V
C516	1-104-664-11	ELECT	47μF	20%	25V	C582	1-164-161-11	CERAMIC CHIP	0.0022μF	10%	50V
C517		CERAMIC CHIP	0.1μF		25V	C583		CERAMIC CHIP	$0.47\mu F$	10%	16V
C518	1-126-933-11		100μF	20%	16V	C584	1-163-038-91	CERAMIC CHIP	0.1μF		25V
C519 C520		CERAMIC CHIP	0.1μF 10μF	20%	25V 50V	C585	1-126-933-11	FI FCT	100μF	20%	16V
C320	1-126-964-11	LLECT	τομι	∠U70	30 V	C586		CERAMIC CHIP	100μF 0.1μF	2070	25V
C521	1-163-145-00	CERAMIC CHIP	0.0015μF	5%	50V	C587	1-104-664-11		47μF	20%	25V
C522	1-163-143-00	CERAMIC CHIP	0.0012µF	5%	50V	C588	1-163-038-91	CERAMIC CHIP	0.1μF		25V



REF. NO.	PART NO.	DESCRIPTION			REMARK	REF. NO.	PART NO.	DESCRIPTION			REMARK
C589	1-163-038-91	CERAMIC CHIP	0.1μF		25V	C652		CERAMIC CHIP	0.1μF	100/	25V
G500	1 162 020 01	CED A MIC CHID	0.1		0517	C653		CERAMIC CHIP	0.1μF	10%	25V
C590		CERAMIC CHIP	0.1μF		25V	C654		CERAMIC CHIP	0.1μF	10%	25V
C591		CERAMIC CHIP	0.1μF	200/	25V	C655		CERAMIC CHIP	0.1μF	10%	25V
C592	1-104-664-11		47μF	20%	25V	C656	1-126-964-11	ELECT	10μF	20%	50V
C593	1-126-963-11		4.7μF	20%	50V	0.55	1 1 62 000 11	CED 11 HC CHID	0.001 F	100/	5017
C595	1-163-038-91	CERAMIC CHIP	0.1μF		25V	C657		CERAMIC CHIP	0.001µF	10%	50V
G506	1 107 022 11	CED 11 HC CHID	0.47. 5	1.00/	1.017	C658		CERAMIC CHIP	0.1μF	200/	25V
C596		CERAMIC CHIP	0.47μF	10%	16V	C659	1-104-664-11		47μF	20%	25V
C598		CERAMIC CHIP	0.1μF	10%	25V	C660		CERAMIC CHIP	0.001µF	10%	50V
C599		CERAMIC CHIP	0.1μF	10%	25V	C661	1-164-004-11	CERAMIC CHIP	$0.1\mu F$	10%	25V
C600		CERAMIC CHIP	0.1μF	10%	25V	0.60	1 126 065 11	DI DOT	22 5	200/	5017
C601	1-164-489-11	CERAMIC CHIP	$0.22\mu F$	10%	16V	C662	1-126-965-11		22μF	20%	50V
C602	1 162 021 01	CED AMIC CUID	0.01uE	1.00/	50V	C663	1-126-965-11		22μF	20%	50V
C602		CERAMIC CHIP	0.01µF	10%	50V 50V	C664	1-104-664-11		47μF	20%	25V
C603		CERAMIC CHIP	0.01µF	10%	50V 50V	C665	1-104-664-11		47μF	20%	25V
C604 C605		CERAMIC CHIP	0.01µF	10%	50V 50V	C666	1-105-319-11	CERAMIC CHIP	$0.1\mu F$		50V
		CERAMIC CHIP	0.01μF	10%	50V	0007	1 164 161 11	CED AMIC CHID	0.0022E	100/	5037
C606	1-103-021-91	CERAMIC CHIP	0.01µF	10%	30 V	C667		CERAMIC CHIP CERAMIC CHIP	0.0022μF	10%	50V 25V
C607	1 162 021 01	CERAMIC CHIP	0.01µF	10%	50V	C668 C669	1-105-038-91		0.1μF 470μF	20%	25 V 16V
C607	1-105-021-91		0.01μF 10μF		50V				•	20%	25V
C610		CERAMIC CHIP	10μr 0.01μF	20% 10%	50V 50V	C670 C671	1-103-038-91	CERAMIC CHIP	0.1μF	20%	25 V 25 V
C610		CERAMIC CHIP	0.01μF 0.1μF	10%	50V 50V	C6/1	1-104-004-11	ELECI	47μF	20%	23 V
C612	1-113-339-11		0.1μΓ 47μF	20%	25V	C672	1 162 029 01	CERAMIC CHIP	0.1µF		25V
C012	1-104-004-11	ELECT	4/μΓ	2070	23 V	C672	1-103-038-91		0.1μΓ 22μF	20%	50V
C613	1 162 029 01	CERAMIC CHIP	0.1µF		25V	C674		CERAMIC CHIP	22μΓ 0.47μF	10%	16V
C614		CERAMIC CHIP	0.1μΓ 0.0022μF	10%	50V	C675		CERAMIC CHIP	0.47µF	10%	16V 16V
C615	1-104-101-11		0.0022μΓ 100μF	20%	16V	C676	1-110-301-11		0.33μΓ 47μF	20%	25V
C616		CERAMIC CHIP	0.1μF	10%	25V	C070	1-104-004-11	ELECT	4/μΓ	2070	23 V
C617		CERAMIC CHIP	0.1μF	10%	25 V 25 V	C677	1 163 038 01	CERAMIC CHIP	0.1µF		25V
C017	1-104-004-11	CERAINIC CIII	0.1μ1	1070	23 V	C678		CERAMIC CHIP	0.0022μF	10%	50V
C618	1_163_038_91	CERAMIC CHIP	0.1µF		25V	C679		CERAMIC CHIP	$0.0022\mu F$	10%	16V
C619		CERAMIC CHIP	0.1μF	10%	25V	C680		CERAMIC CHIP	100pF	5%	50V
C621		CERAMIC CHIP	0.1μF	10%	25 V 25 V	C681		CERAMIC CHIP	100pF	5%	50V
C622		CERAMIC CHIP	0.1μF	10%	25V 25V	C081	1-103-231-11	CERAINIC CIII	100p1	370	30 v
C623		CERAMIC CHIP	0.1μF	1070	25V	C683	1-163-017-00	CERAMIC CHIP	0.0047µF	10%	50V
C023	1-103-030-71	CLICAIVIIC CIIII	0.1μ1		23 V	C685	1-126-960-11		0.0047μ1 1μF	20%	50V
C624	1-104-664-11	ELECT	47μF	20%	25V	C686	1-126-965-11		22μF	20%	50V
C625		CERAMIC CHIP	0.1μF	2070	25V	C687	1-126-960-11		1μF	20%	50V
C626		CERAMIC CHIP	0.1μF		25V	C688	1-126-960-11		1μF	20%	50V
C627		CERAMIC CHIP	0.1µF		25V	2000	1 120 700 11	LLLC1	1 102	2070	201
C628	1-104-664-11		47μF	20%	25V	C689	1-126-965-11	ELECT	22µF	20%	50V
						C690	1-126-960-11		1µF	20%	50V
C629	1-164-004-11	CERAMIC CHIP	0.1µF	10%	25V	C691	1-126-964-11		10μF	20%	50V
C630		CERAMIC CHIP	0.01uF	10%	50V	C692	1-126-964-11		10μF	20%	50V
C631		CERAMIC CHIP	1µF	16V		C693		CERAMIC CHIP	0.47µF	10%	16V
C632		CERAMIC CHIP	1µF	10%	10V						
C636		CERAMIC CHIP	330pF	5%	50V	C694	1-107-823-11	CERAMIC CHIP	$0.47\mu F$	10%	16V
			*			C696		CERAMIC CHIP	0.47μF	10%	16V
C637	1-163-038-91	CERAMIC CHIP	$0.1 \mu F$		25V	C697	1-126-965-11		22μF	20%	50V
C638	1-107-823-11	CERAMIC CHIP	$0.47\mu F$	10%	16V	C698	1-164-004-11	CERAMIC CHIP	0.1µF	10%	25V
C639	1-126-933-11	ELECT	100µF	20%	16V	C699	1-126-965-11	ELECT	22μF	20%	50V
C640	1-163-021-91	CERAMIC CHIP	0.01µF	10%	50V						
C641	1-104-664-11	ELECT	47μF	20%	25V	C700	1-164-004-11	CERAMIC CHIP	$0.1\mu F$	10%	25V
						C701	1-126-965-11	ELECT	22μF	20%	50V
C642	1-163-038-91	CERAMIC CHIP	$0.1\mu F$		25V	C702	1-164-004-11	CERAMIC CHIP	$0.1\mu F$	10%	25V
C643	1-163-259-91	CERAMIC CHIP	220pF	5%	50V	C703	1-164-182-11	CERAMIC CHIP	$0.0033 \mu F$	10%	50V
C644	1-164-161-11	CERAMIC CHIP	$0.0022 \mu F$	10%	50V	C704	1-163-038-91	CERAMIC CHIP	0.1µF		25V
C645	1-126-965-11	ELECT	22μF	20%	50V						
C646	1-163-038-91	CERAMIC CHIP	0.1µF		25V	C705	1-164-182-11	CERAMIC CHIP	$0.0033 \mu F$	10%	50V
						C706	1-126-965-11	ELECT	22μF	20%	50V
C647	1-104-664-11	ELECT	$47\mu F$	20%	25V	C707	1-126-960-11	ELECT	1μF	20%	50V
C648	1-107-823-11	CERAMIC CHIP	$0.47\mu F$	10%	16V	C708	1-126-960-11	ELECT	1μF	20%	50V
C649	1-107-823-11	CERAMIC CHIP	$0.47\mu F$	10%	16V	C709	1-126-965-11	ELECT	22μF	20%	50V
C650	1-163-021-91	CERAMIC CHIP	$0.01 \mu F$	10%	50V						
C651	1-164-161-11	CERAMIC CHIP	$0.0022 \mu F$	10%	50V	C710	1-126-960-11		1μF	20%	50V
						C711	1-126-960-11	ELECT	1μF	20%	50V



REF. NO.	PART NO.	DESCRIPTION			REMARK	REF. NO.	PART NO.	DESCRIPTION			REMARK
C712 C713	1-126-965-11		22μF	20% 20%	50V 50V	C1303	1-163-038-91	CERAMIC CHIP	$0.1 \mu F$		25V
C713	1-126-960-11 1-126-960-11		1μF 1μF	20%	50V 50V	C1305	1-165-319-11	CERAMIC CHIP	0.1µF		50V
			•			C1306		CERAMIC CHIP	0.1µF		50V
C716	1-126-960-11	ELECT	1µF	20%	50V	C1307		CERAMIC CHIP	100pF	5%	50V
C717	1-126-960-11		1µF	20%	50V	C1308		CERAMIC CHIP	4.7μF		10V
C718	1-126-935-11		470µF	20%	16V	C1309		CERAMIC CHIP	10pF	0.5pF	
C771	1-126-965-11		22μF	20%	50V				- ~ F -	ole F-	
C772	1-126-965-11		22μF	20%	50V	C1310	1-163-227-11	CERAMIC CHIP	10pF	0.5pF	50V
			•			C1311		CERAMIC CHIP	1μF	10%	10V
C773	1-126-960-11	ELECT	1µF	20%	50V	C1312		CERAMIC CHIP	10pF	0.5pF	
C774	1-126-960-11		1μF	20%	50V	C1313		CERAMIC CHIP	0.1µF		25V
C775	1-164-004-11	CERAMIC CHIP	0.1µF	10%	25V	C1315	1-163-251-11	CERAMIC CHIP	100pF	5%	50V
C1001	1-163-038-91	CERAMIC CHIP	0.1µF		25V				•		
C1002	1-163-038-91	CERAMIC CHIP	0.1µF		25V	C1316	1-117-720-11	CERAMIC CHIP	$4.7\mu F$		10V
			•			C1317	1-163-038-91	CERAMIC CHIP	0.1µF		25V
C1003	1-104-664-11	ELECT	47μF	20%	25V	C1321	1-163-017-00	CERAMIC CHIP	$0.0047 \mu F$	10%	50V
C1005	1-104-664-11	ELECT	47μF	20%	25V	C1323	1-107-823-11	CERAMIC CHIP	0.47μF	10%	16V
C1006	1-163-038-91	CERAMIC CHIP	0.1µF		25V	C1325	1-163-251-11	CERAMIC CHIP	100pF	5%	50V
C1007	1-163-038-91	CERAMIC CHIP	0.1µF		25V				_		
C1012	1-163-235-11	CERAMIC CHIP	22pF	5%	50V	C1326	1-164-004-11	CERAMIC CHIP	$0.1 \mu F$	10%	25V
						C1327	1-126-963-11	ELECT	$4.7\mu F$	20%	50V
C1013	1-163-038-91	CERAMIC CHIP	$0.1 \mu F$		25V	C1328	1-164-004-11	CERAMIC CHIP	$0.1\mu F$	10%	25V
C1014	1-163-235-11	CERAMIC CHIP	22pF	5%	50V	C1329	1-164-004-11	CERAMIC CHIP	$0.1\mu F$	10%	25V
C1015	1-163-235-11	CERAMIC CHIP	22pF	5%	50V	C1330	1-164-004-11	CERAMIC CHIP	$0.1\mu F$	10%	25V
C1016	1-163-038-91	CERAMIC CHIP	$0.1\mu F$		25V						
C1017	1-163-038-91	CERAMIC CHIP	$0.1 \mu F$		25V	C1331	1-163-133-00	CERAMIC CHIP	470pF	5%	50V
						C1332	1-163-251-11	CERAMIC CHIP	100pF	5%	50V
C1019	1-164-489-11	CERAMIC CHIP	$0.22\mu F$	10%	16V	C1334	1-164-004-11	CERAMIC CHIP	$0.1\mu F$	10%	25V
C1020	1-164-346-11	CERAMIC CHIP	1μF		16V	C1335	1-164-004-11	CERAMIC CHIP	$0.1\mu F$	10%	25V
C1021	1-163-021-91	CERAMIC CHIP	$0.01\mu F$	10%	50V	C1336	1-164-004-11	CERAMIC CHIP	$0.1\mu F$	10%	25V
C1022	1-163-038-91	CERAMIC CHIP	$0.1\mu F$		25V						
C1023	1-126-935-11	ELECT	470μF	20%	6.3V	C1337		CERAMIC CHIP	$0.1\mu F$	10%	25V
						C1338		CERAMIC CHIP	$0.1\mu F$	10%	25V
C1025	1-126-965-11		22μF	20%	50V	C1339		CERAMIC CHIP	0.1μF	10%	25V
C1026		CERAMIC CHIP	$0.047 \mu F$	10%	25V	C1340	1-126-960-11		1μF	20%	50V
C1027		CERAMIC CHIP	$0.33\mu F$	10%	16V	C1341	1-163-133-00	CERAMIC CHIP	470pF	5%	50V
C1029		CERAMIC CHIP	1μF		16V						
C1030	1-109-982-11	CERAMIC CHIP	1μF	10%	10V	C1342		CERAMIC CHIP	0.01µF	10%	50V
						C1343		CERAMIC CHIP	0.47μF	10%	16V
C1031		CERAMIC CHIP	0.1μF		25V	C1344	1-104-664-11		47μF	20%	25V
C1032	1-104-664-11		47μF	20%	25V	C1345	1-104-664-11		47μF	20%	25V
C1033	1-126-964-11		10μF	20%	50V	C1346	1-104-664-11	ELECT	47μF	20%	25V
C1034		CERAMIC CHIP	1μF	5 0/	16V	C1247	1 104 664 11	EL ECT	47F	200/	251
C1035	1-163-237-11	CERAMIC CHIP	27pF	5%	50V	C1347	1-104-664-11		47μF	20%	25V
G1026	1 164 161 11	CED A MIC CHID	0.0000	1.00/	5017	C1348		CERAMIC CHIP	0.1μF	50/	25V
C1036		CERAMIC CHIP	0.0022μF 0.1μF	10%	50V 25V	C1349	1-163-231-11	CERAMIC CHIP	15pF	5%	50V 16V
C1037 C1038		CERAMIC CHIP	0.1μF 47μF	200/		C1351			220μF	20%	
	1-104-664-11		•	20%	25V	C1352	1-104-004-11	CERAMIC CHIP	0.1μF	10%	25V
C1039 C1040		CERAMIC CHIP CERAMIC CHIP	1μF 27pF	5%	16V 50V	C1353	1 162 029 01	CERAMIC CHIP	0.1µF		25V
C1040	1-103-237-11	CERAINIC CIII	27pr	370	30 V	C1353		CERAMIC CHIP	0.1μF		25 V 25 V
C1041	1 163 233 11	CERAMIC CHIP	18pF	5%	50V	C1354 C1355	1-104-664-11		0.1μΓ 47μF	20%	25 V 25 V
C1041		CERAMIC CHIP	18pF	5%	50V	C1353	1-126-934-11		47μΓ 220μF	20%	16V
C1042		CERAMIC CHIP	0.47μF	10%	16V	C1357		CERAMIC CHIP	0.1μF	2070	25V
C1043		CERAMIC CHIP		10%	50V	C1336	1-103-030-71	CLICAIVIIC CIIII	0.1μ1		23 4
C1045		CERAMIC CHIP	0.0017µF		50V	C1359	1-104-664-11	FI FCT	47μF	20%	25V
C1043	1 103 143 00	CERTIFIC CITI	0.0012μ1	570	30 ¥	C1363		CERAMIC CHIP	0.1μF	2070	25V
C1046	1-163-038-91	CERAMIC CHIP	0.1µF		25V	C1364		CERAMIC CHIP	0.1μF		25V
C1048		CERAMIC CHIP	0.1µF		25 V	C1376		CERAMIC CHIP	0.1μF		25V
C1049	1-104-664-11		47μF	20%	25V	C1380		CERAMIC CHIP	1µF	10%	10V
C1049		CERAMIC CHIP	0.1μF	2070	25 V	21300	1 107 702 11	CLIC IIIIC CIIII	2 MI	10/0	10 1
C1050	1-103-036-71		47μF	20%	25 V	C1381	1-163-251-11	CERAMIC CHIP	100pF	5%	50V
21001				_0/0	'	C1383		CERAMIC CHIP	0.1μF	- / 0	25V
C1052	1-107-823-11	CERAMIC CHIP	0.47µF	10%	16V	C1385		CERAMIC CHIP	0.0047μF	10%	50V
C1052		CERAMIC CHIP	0.47μ1 0.1μF	-0/0	25V	C1389		CERAMIC CHIP	100pF	5%	50V
C1301		CERAMIC CHIP	0.1μF		25V	C1392		CERAMIC CHIP	0.1μF	10%	25V
C1302	1-104-664-11		47μF	20%	25V				· · · · · ·		
			•								



REF. NO.	PART NO.	DESCRIPTION			REMARK	REF. NO.	PART NO.	DESCRIPTION			REMARK
C1400	1-107-823-11	CERAMIC CHIP	0.47µF	10%	16V	C1614	1-163-038-91	CERAMIC CHIP	0.1μF		25V
C1401	1-126-963-11	ELECT	4.7μF	20%	50V	C1615	1-107-823-11	CERAMIC CHIP	0.47μF	10%	16V
C1402		CERAMIC CHIP	$0.1 \mu F$	10%	25V	C1617	1-163-038-91	CERAMIC CHIP	$0.1\mu F$		25V
C1403		CERAMIC CHIP	560pF	5%	50V	G1 410	4 405 000 44	CER LLEG CHER	0.45.5	1001	4 - 7 - 7
C1405	1-164-004-11	CERAMIC CHIP	$0.1\mu F$	10%	25V	C1619		CERAMIC CHIP	0.47μF	10%	16V
C1406	1 162 021 01	CED AMIC CHID	0.010E	10%	50V	C1621 C1623		CERAMIC CHIP CERAMIC CHIP	0.1μF	10%	25V 16V
C1406 C1407		CERAMIC CHIP CERAMIC CHIP	0.01μF 0.068μF	10%	25V	C1623		CERAMIC CHIP	0.47μF 0.47μF	10%	16V 16V
C1407		CERAMIC CHIP	•	10%	50V	C1624		CERAMIC CHIP	0.47μΓ 0.1μF	1070	25V
C1409		CERAMIC CHIP	0.1μF	1070	25V	C1020	1 103 030 71	CLICALVIIC CITII	0.1μ1		23 1
C1410		CERAMIC CHIP	470pF	5%	50V	C1628	1-107-823-11	CERAMIC CHIP	0.47µF	10%	16V
						C1629		CERAMIC CHIP	0.47µF	10%	16V
C1411	1-163-038-91	CERAMIC CHIP	$0.1 \mu F$		25V	C1631	1-163-038-91	CERAMIC CHIP	0.1μF		25V
C1412	1-163-259-91	CERAMIC CHIP	220pF	5%	50V	C1633	1-107-823-11	CERAMIC CHIP	$0.47\mu F$	10%	16V
C1413	1-126-960-11	ELECT	1μF	20%	50V	C1634	1-107-823-11	CERAMIC CHIP	$0.47\mu F$	10%	16V
C1414		CERAMIC CHIP	$0.47\mu F$	10%	16V						
C1415	1-163-038-91	CERAMIC CHIP	0.1µF		25V	C1640		CERAMIC CHIP	0.1µF		25V
						C1641		CERAMIC CHIP	0.1μF		25V
C1417		CERAMIC CHIP	0.1μF	200/	25V	C1642		CERAMIC CHIP	0.1μF		25V
C1418	1-104-664-11		47μF	20%	25V	C1643		CERAMIC CHIP	0.1μF		25V
C1419 C1420		CERAMIC CHIP	0.1μF 47μF	200/	25V 25V	C1644	1-103-038-91	CERAMIC CHIP	0.1μF		25V
C1420	1-104-664-11	CERAMIC CHIP	4/μF 0.1μF	20%	25 V 25 V	C1646	1-104-664-11	FLECT	47μF	20%	25V
C1421	1-103-036-91	CERAMIC CITI	0.1μ1		23 v	C1647		CERAMIC CHIP	4/μΓ 1μF	10%	10V
C1422	1-163-231-11	CERAMIC CHIP	15pF	5%	50V	C1648		CERAMIC CHIP	0.001µF	5%	50V
C1423		CERAMIC CHIP	0.1µF	570	25V	C1649		CERAMIC CHIP	0.033µF	10%	50V
C1424		CERAMIC CHIP	0.1µF		25V	C1650		CERAMIC CHIP	0.001µF	5%	50V
C1425	1-104-664-11		47μF	20%	25V						
C1426	1-117-720-11	CERAMIC CHIP	4.7μF		10V	C1651	1-109-982-11	CERAMIC CHIP	1μF	10%	10V
C1428	1-126-934-11	ELECT	220μF	20%	16V						
C1431		CERAMIC CHIP	0.1µF	10%	25V			<filterblock></filterblock>			
C1432		CERAMIC CHIP	0.1μF		25V						
C1455		CERAMIC CHIP	0.1μF	10%	25V	CM501	1-467-554-21	FILTER BLOCK, C	COMB		
C1456	1-164-004-11	CERAMIC CHIP	0.1μF	10%	25V						
C1457	1 164 004 11	CERAMIC CHIP	0.1µF	10%	25V			<connector></connector>			
C1457		CERAMIC CHIP	0.1μΓ 0.1μF	10%	25V 25V			CONNECTOR			
C1463		CERAMIC CHIP	0.1μF	10%	25V	CN501	* 1-564-506-11	PLUG, CONNECT	OR 3P		
C1464		CERAMIC CHIP	0.1μF	10%	25V			PLUG, CONNECT			
C1465		CERAMIC CHIP	0.1µF	10%	25V			PLUG, CONNECT			
			•					PLUG, CONNECT			
C1466	1-164-004-11	CERAMIC CHIP	$0.1 \mu F$	10%	25V	CN505	* 1-564-510-11	PLUG, CONNECT	OR 7P		
C1467		CERAMIC CHIP	$0.1\mu F$	10%	25V						
C1470	1-104-664-11		47μF	20%	25V			CONNECTOR, BC	OARD TO B	OARD	10P
C1471	1-104-664-11		47μF	20%	25V	CN507		TAB (CONTACT)			
C1472	1-104-664-11	ELECT	47μF	20%	25V			PLUG, CONNECT		0 + DD	400
C1401	1 100 000 11	CED AMIC CITIE	1uE	100/	1037			CONNECTOR, BC		UARD	10P
C1481 C1482	1-109-982-11	CERAMIC CHIP	1μF 47μF	10% 20%	10V 25V	CN510	1-304-310-11	PLUG, CONNECT	OK /P		
C1482 C1483	1-104-664-11		47μF 47μF	20%	25 V 25 V	CN511	1-573-298-21	CONNECTOR, BC	ARD TO R	OARD	20P
C1484	1-104-004-11		220μF	20%	16V			PLUG, CONNECT		J. III	- 201
C1485		CERAMIC CHIP	0.1μF	2070	25V	CN513		CONNECTOR, BC		OARD	20P
								PLUG, CONNECT			
C1601	1-163-038-91	CERAMIC CHIP	$0.1 \mu F$		25V	CN515		PLUG, CONNECT			
C1602	1-163-016-00	CERAMIC CHIP	0.0039µF	10%	50V						
C1603		CERAMIC CHIP	$0.0039 \mu F$		50V	CN516		CONNECTOR, BC			
C1604		CERAMIC CHIP	$0.0039 \mu F$		50V			CONNECTOR, BC			
C1605	1-163-016-00	CERAMIC CHIP	$0.0039 \mu F$	10%	50V	CN518		CONNECTOR, BC			
G1 50 -	1 125 245 44	OED 13 000	0.1.5		5077			CONNECTOR, BC			
C1606		CERAMIC CHIP	0.1μF	100/	50V	CN520	* 1-691-616-21	CONNECTOR, BC	DARD TO B	OARD) 15P
C1608		CERAMIC CHIP	0.0039μF 0.0039μF		50V	CNISO1	1 572 070 21	CONNECTOR RO	A DD TO D	OADD	\ 11D
C1609 C1610		CERAMIC CHIP CERAMIC CHIP	0.0039μF 0.1μF	10%	50V 25V	CN521 CN522		CONNECTOR, BC			
C1610		CERAMIC CHIP	0.1µF 0.0039µF	10%	50V	CN522 CN523		CONNECTOR, BC			
01011	1 105 010 00	chia nine em	5.0057μ1	10/0	50,			PLUG, CONNECT		J. 11CD	201
C1612	1-163-016-00	CERAMIC CHIP	0.0039µF	10%	50V			PLUG, CONNECT			
C1613		CERAMIC CHIP	0.1μF		25V						



REF. NO.	PART NO.	DESCRIPTION	REMARK	REF. NO.	PART NO.	DESCRIPTION	REMARK
CNEOC *	1 564 510 11	DI LIC CONNECTOD 7D		D550	9 710 077 39	DIODE DTZ10B	
CN526 **	1-304-310-11	PLUG, CONNECTOR 7P		D559 D560		DIODE DIZIOB	
		<diode></diode>		D1001		DIODE MA111-(K8).S0	
				D1002		DIODE MA111-(K8).S0	
D501		DIODE MA111-(K8).S0		D1003		DIODE MA111-(K8).S0	
D502		DIODE RD5.6SB DIODE MA111-(K8).S0		D1005		DIODE MA111-(K8).S0 DIODE MA111-(K8).S0	
D503 D504		DIODE MA111-(K8).S0		D1006	8-719-073-01	DIODE MATTI-(K8).50	
D505		DIODE MA111-(K8).S0		D1007	8-719-073-01	DIODE MA111-(K8).S0	
2000	0 717 075 01	21022 111111 (110)150		D1008		DIODE MA111-(K8).S0	
D506	8-719-056-84	DIODE UDZ-TE-17-7.5B		D1009		DIODE MA111-(K8).S0	
D508		DIODE MA111-(K8).S0		D1601		DIODE DTZ5.1B	
D509		DIODE UDZ-TE-17-7.5B		D1602	8-719-976-99	DIODE DTZ5.1B	
D511 D512		DIODE MA111-(K8).S0 DIODE MA111-(K8).S0		D1603	9 710 076 00	DIODE DTZ5.1B	
D312	8-719-073-01	DIODE MAIII-(K8).30		D1603 D1604		DIODE DTZ5.1B	
D513	8-719-073-01	DIODE MA111-(K8).S0		D1605		DIODE DTZ5.1B	
D514		DIODE MA111-(K8).S0		D1614		DIODE DTZ5.1B	
D515	8-719-158-15	DIODE RD5.6SB		D1615	8-719-976-99	DIODE DTZ5.1B	
D516		DIODE RD5.6SB					
D517	8-719-158-15	DIODE RD5.6SB		D1616		DIODE DTZ5.1B	
D510	0.710.072.01	DIODE MA111 (VO) GO		D1618		DIODE MA111-(K8).S0	
D518 D519		DIODE MA111-(K8).S0 DIODE DTZ10B		D1620		DIODE MA111-(K8).S0 DIODE MA111-(K8).S0	
D519 D520		DIODE DTZ10B		D1623 D1625		DIODE MA111-(K8).S0	
D520		DIODE MA111-(K8).S0		D1023	0-717-073-01	DIODE WATTI-(Ko).50	
D522		DIODE DTZ10B		D1626	8-719-073-01	DIODE MA111-(K8).S0	
				D1628		DIODE MA111-(K8).S0	
D523		DIODE MA111-(K8).S0		D1630		DIODE MA111-(K8).S0	
D524		DIODE DTZ10B		D1632		DIODE MA111-(K8).S0	
D525		DIODE DTZ10B		D1634	8-719-073-01	DIODE MA111-(K8).S0	
D526 D527		DIODE DTZ10B DIODE DTZ10B					
D321	6-719-977-28	DIODE DIZIOB				<filter></filter>	
D528	8-719-977-28	DIODE DTZ10B				TELEIO.	
D529	8-719-977-28	DIODE DTZ10B		FL501	1-233-736-21	FILTER, EMI	
D530		DIODE MA111-(K8).S0		FL502	1-233-736-21	FILTER, EMI	
D531		DIODE MA111-(K8).S0		FL503	1-233-736-21	FILTER, EMI	
D532	8-719-977-28	DIODE DTZ10B					
D533	9 710 077 29	DIODE DTZ10B				<ic></ic>	
D533 D534		DIODE DIZIOB				<ic></ic>	
D535		DIODE DTZ10B		IC501	8-759-701-79	IC NJM7812FA	
D536		DIODE MA111-(K8).S0		IC503		IC μPC2405HF	
D537	8-719-977-28	DIODE DTZ10B		IC504	8-759-513-71	IC PQ05RF21	
				IC505		IC PQ09RF21	
D538		DIODE DTZ10B		IC506	8-759-520-49	IC PQ30RV21	
D539		DIODE DTZ10B		10507	0 750 002 05	IC I A7956A	
D540 D541		DIODE DTZ10B DIODE DTZ10B		IC507 IC508		IC LA7856A IC MC74HC74AF	
D542		DIODE DTZ10B		IC509		IC MC74HC4052F	
D3 12	0 /17 /// 20	DIODE DIZIOD		IC510		IC LM393PS	
D543	8-719-977-28	DIODE DTZ10B		IC511		IC CXA2101AQ-TL	
D544	8-719-977-28	DIODE DTZ10B					
D545		DIODE DTZ10B		IC512		IC CXD2018AQ-T6	
D546		DIODE DTZ10B		IC513		IC TC7SET08FU(TE85L)	
D547	8-719-977-28	DIODE DTZ10B		IC514		IC LM358D	
D548	8-719-073-01	DIODE MA111-(K8).S0		IC515 IC516		IC CXA1845Q-TL IC TC7W08FU	
D548 D550		DIODE DTZ10B		10310	0-137-002-30	ic ic/woold	
D550		DIODE DTZ10B		IC517	8-759-239-34	IC TC74HC4538AF	
D552		DIODE DTZ10B		IC518		IC LM358D	
D555	8-719-977-28	DIODE DTZ10B		IC519	8-759-239-34	IC TC74HC4538AF	
				IC1001		IC LH5317VP	
D556		DIODE DTZ10B		IC1002	8-759-927-72	IC TL1591CP	
D557		DIODE DTZ32P		IC1002	9 750 025 75	IC SN74HC05ANS	
D558	0-/19-9//-81	DIODE DTZ33B		IC1003	0-139-925-15	IC SN74HC05ANS	



	REF. NO	PART NO.	DESCRIPTION	REMA	RK	REF. NO.	PART NO.	DESCRIPTION		REMARK
1.1008 3-759-03-7-76 C. M24008-MINT 1.1008 1-46-555-21 INDUCTOR 100H 1.1009 1-41-42-422 INDUCTOR CHIP 0.0H 1.1009 1-41-42-422 INDUCTOR 0.0H 1.1009 1-41-42-422 INDUCTOR CHIP 0.0H 1.1009 1-41-42-422 INDUCTOR CHIP 0.0H 1.1009 1-41-42-422 INDUCTOR 0.0H 1.1009 1-41-42-422 INDUCTOR 0.0H 1.1009 1-41-42-422 INDUCTOR 0.0H 1.1009 1-41-42-422 INDUCTOR 0.0H 1.1009)		L1006	1-469-555-21	INDUCTOR	10μΗ	
L1009 8-752-910-99 C CXPSSS60-033Q				Γ		1.1008	1-469-555-21	INDLICTOR	10uH	
1,130									•	
1.100	101000	0-732-710-07	IC CAI 05050A-0.)3Q					•	
CICHO S-759-352-91 C PST91-18NL L130 1-414-234-22 INDUCTOR CHIP QiH	IC1000	8 752 010 00	IC CYD85460 225	0						
ICI302 8752-08-59 IC CXA2019AQ-T4 ICI303 8759-383-60 IC CXA2019M ICI303 8759-383-60 IC NIM\$233M(TE2) ICI307 I-469-555-21 INDUCTOR I0gH ICI307 8752-08-69 IC CXA2019AQ-T4 ICI313 I-469-555-21 INDUCTOR I0gH ICI307 8752-08-29 IC CXA2019AQ-T4 ICI313 I-469-555-21 INDUCTOR I0gH ICI307 8752-08-29 IC CXA2119M ICI307 ICI307 8752-08-29 IC CXA2119M ICI307				Q						
IC1302 8-752-082-49 IC CXA2119M				74		L1304	1-414-254-22	INDUCTOR CH	ιν υμπ	
ILIST				.4		I 1206	1 460 555 21	INDLICTOR	1011	
1.1305				20)						
IC1308	101303	6-739-333-02	IC NJM2333M(1E	52)					•	
IC1307 8-752-082-9 IC CXA219M	IC1205	0 752 006 00	IC CVA2010AO T	74					•	
ICI-101 8-759-875-80 IC Z86[30]2SSC ICI-1028 8-759-908-258 IC TCW08FU ICI-103 8-759-908-80-80 IC TCW08FU ICI-103 I-140-9555-21 INDUCTOR CHIP 0µH ICI-104 ICI-104 8-759-934-80 IC NM2058M-TE2 ICI-105 8-759-934-80 IC NM2058M-TE2 ICI-106 8-759-932-74 IC TC74HC163AF ICI-106 8-759-922-74 IC TC74HC163AF ICI-106 8-759-108-75 ICI-1074HC163AF ICI-106 ICI-106 8-759-108-75 ICI-1074HC163AF ICI-106 ICI-106 8-759-108-75 ICI-1074HC163AF ICI-106				.4					•	
ICH02 8-759-080-75 IC TCTW08FU 1.1320 1-469-555-21 INDUCTOR 10µH 1.1412-43-22 INDUCTOR CHIP 0µH 1.14						L1319	1-409-333-21	INDUCTOR	10μΗ	
IL1329						I 1220	1 460 555 21	INDLICTOR	1011	
ILI-00	IC1403	8-759-009-07	IC MC14053BF							
L1403 3-759-009-07 C MC14053BF L1403 L141-234-22 INDUCTOR CHIP 0µH	IC1 (01	0.750.204.00	IC NID 42050M TE	20						
ICIG04 8-759-394-80 C NIM2058M-TE2 L1405 L1405 L1414-234-22 INDUCTOR 10µH				3.2						
CI CI CI CI CI CI CI CI				30		L1403	1-414-234-22	INDUCTOR CH	ιР 0μΗ	
IC1608 8-759-394-80 IC NIM2058M-TE2						T 1 40 4	1 460 555 01	IN ID LICTOR	10.11	
									•	
C1624 8-759-082-51 C TC7W08FU C1624 8-759-082-58 C TC7W08FU C1624 8-759-422-27 TRANSISTOR 2 SD601A-Q C1624 8-759-422-27 TRANSIST	IC1606	8-759-394-80	IC NJM2058M-TE	32		L1405	1-414-234-22	INDUCTOR CH	IP 0μH	
C1624 8-759-082-51 C TC7W08FU Q501 8-729-216-22 TRANSISTOR 2Sh601A-Q Q503 8-729-422-27 TRANSISTOR 2Sh601A-Q Q504 8-729-422-27 TRANSISTOR 2Sh601A-Q Q505 8-729-422-27 TRANSISTOR 2Sh601A-Q Q505 8-729-422-27 TRANSISTOR 2Sh601A-Q Q506 8-729-422-27 TRANSISTOR 2Sh601A-Q Q509 8-729-422-27 TRANSISTOR 2Sh601A-Q Q510 8-729-122-63 TRANSISTOR 2Sh601A-Q Q510 8-729-122-63 TRANSISTOR 2Sh162-G Q512 8-729-216-22										
C1623										
C1624 8-759-082-58 C TCTW08FU Q501 8-729-082-22 TRANSISTOR 2SD601A-Q Q503 8-729-422-27 TRANSISTOR 2SD601A-Q Q503 8-729-422-27 TRANSISTOR 2SD601A-Q Q503 8-729-422-27 TRANSISTOR 2SD601A-Q Q505 8-729-422-27 TRANSISTOR 2SD601A-Q Q510 8-729-122-63 TRANSISTOR 2SD601A-Q Q510 8-729-122-7 TRANSISTOR 2SD601A-Q Q510 8-729-1				7				<transistor:< td=""><td>></td><td></td></transistor:<>	>	
SPAN										
Specific	IC1624	8-759-082-58	IC TC7W08FU			-				
SACK GO4 8-729-422-27 TRANSISTOR SD601A-Q QS05 8-729-422-27 TRANSISTOR SD601A-Q QS05 S-729-422-27 TRANSISTOR SD601A-Q QS05 S-729-422-27 TRANSISTOR SD601A-Q QS05 S-729-422-27 TRANSISTOR SD601A-Q SD						-				
1502 1-774-749-11 JACK BLOCK, PIN (SELECT OUT) 1505 1-774-751-11 TERMINAL BLOCK, S (VIDEO 1) 1506 1-774-751-11 TERMINAL BLOCK, S (VIDEO 3) 1507 1-774-751-11 TERMINAL BLOCK, S (VIDEO 3) 1508 1-774-750-11 JACK BLOCK, S (VIDEO 4) 1508 1-774-750-11 JACK BLOCK, PIN (VIDEO 5(DTV)) 1508 1-774-750-11 JACK BLOCK, PIN (VIDEO 5(DTV)) 1508 1-774-750-11 JACK BLOCK, PIN (VIDEO 5(DTV)) 1509 1-774-750-11 JACK BLOCK, S (VIDEO 4) 1509 1-774-750-11 JACK BLOCK, S (VIDEO 5(DTV)) 1509 1-774-750-11 JACK BLOCK, S (VIDEO 5(DTV)) 1509 1-774-750-11 JACK BLOCK, S (VIDEO 5(DTV) 1509 1-774-750-11 1509 1-774-750-11 1509 1-774-750-11 1509 1-774-750-11 1509 1-774-750-11 1509 1-774-750-11 1509 1-774-750-11 1509 1-774-750-11 1509 1-774-750-11 15										
J502 1-774-749-11 JACK BLOCK, PIN (SELECT OUT) J505 1-774-751-11 TERMINAL BLOCK, S (VIDEO 3) Q506 8-729-422-27 TRANSISTOR 2SD601A-Q Q506 R-729-721-22 TRANSISTOR 2SD601A-Q Q507 R-729-721-22 TRANSISTOR 2SD601A-Q Q508 R-729-422-27 TRANSISTOR 2SD601A-Q Q508 R-729-422-27 TRANSISTOR 2SD601A-Q Q508 R-729-122-63 TRANSISTOR 2SD601A-Q Q510 R-729-122-27 TRANSISTOR 2SD601A-Q Q510 R-72			<jack></jack>							
J505						Q505	8-729-422-27	TRANSISTOR	2SD601A-Q	
J506										
1-774-751-11 TERMINAL BLOCK, S (VIDEO 4) Q508 8-729-422-27 TRANSISTOR 25D601A-Q Q509 8-729-122-63 TRANSISTOR 25D601A-Q Q509 8-729-122-63 TRANSISTOR 25D601A-Q Q510 8-729-122-63 TRANSISTOR 25D601A-Q Q510 8-729-122-63 TRANSISTOR 25D601A-Q Q510 8-729-122-63 TRANSISTOR 25A1162-G Q512 8-729-216-22 TRANSISTOR 25A1162-G Q512 8-729-216-22 TRANSISTOR 25A1162-G Q512 8-729-216-22 TRANSISTOR 25A1162-G Q512 8-729-216-22 TRANSISTOR 25A1162-G Q512 R5729-216-22 TRANSISTOR 25A1162-G Q513 R5729-216-22 TRANSISTOR 25A1162-G Q514 R56-11 INDUCTOR 10µH Q516 R5729-216-22 TRANSISTOR 25A1162-G Q517 R5729-216-22 TRANSISTOR 25A1162-G Q518 R5729-216-22 TRANSISTOR 25A1162-G Q519 R5729-212-63 TRANSISTOR 25A1162-G Q519 R5729-212-63 TRANSISTOR 25A1162-G Q519 R5729-216-22 TRANSISTOR 25A1162-G Q519 R5729-216-22 TRANSISTOR 25A1162-G Q519 R5729-216-22 TRANSISTOR 25A1162-G Q519 R5729-212-63 TRANSISTOR 25	J505	1-774-751-11	TERMINAL BLOC	K, S (VIDEO 1)		Q506	8-729-422-27	TRANSISTOR	2SD601A-Q	
1-774-750-11 JACK BLOCK, PIN (VIDEO 5(DTV)) Q509 8-729-422-27 TRANSISTOR 2SD601A-Q Q510 8-729-122-63 TRANSISTOR 2SA1126-E4	J506					Q507				
COIL> Q510 8-729-122-63 TRANSISTOR 2SA1226-E4										
COIL>	J508	1-774-750-11	JACK BLOCK, PIN	V (VIDEO 5(DTV))						
L501						Q510	8-729-122-63	TRANSISTOR	2SA1226-E4	
L501										
L501			<coil></coil>			Q511	8-729-216-22	TRANSISTOR	2SA1162-G	
L502							8-729-216-22	TRANSISTOR	2SA1162-G	
L503	L501	1-414-856-11	INDUCTOR			Q513	8-729-216-22	TRANSISTOR	2SA1162-G	
L504	L502	1-414-856-11	INDUCTOR	10μΗ		Q514	8-729-422-27	TRANSISTOR	2SD601A-Q	
L505	L503	1-414-856-11	INDUCTOR			Q515	8-729-216-22	TRANSISTOR	2SA1162-G	
L506	L504	1-414-856-11	INDUCTOR	10μΗ						
L506	L505	1-414-856-11	INDUCTOR	10μΗ		Q516	8-729-122-63	TRANSISTOR	2SA1226-E4	
L507						Q517	8-729-216-22	TRANSISTOR	2SA1162-G	
L508 1-414-856-11 INDUCTOR 10μH L509 1-414-856-11 INDUCTOR 10μH L510 1-414-856-11 INDUCTOR 10μH L510 1-414-856-11 INDUCTOR 10μH L511 1-414-856-11 INDUCTOR 10μH L511 1-414-856-11 INDUCTOR 10μH L511 1-414-856-11 INDUCTOR 10μH L512 1-414-856-11 INDUCTOR 10μH L513 1-414-234-22 INDUCTOR CHIP 0μH L515 1-414-856-11 INDUCTOR 10μH L515 1-414-856-11 INDUCTOR 10μH L515 1-414-856-11 INDUCTOR 10μH L515 1-414-856-11 INDUCTOR 10μH L517 1-414-234-22 INDUCTOR CHIP 0μH L518 1-414-234-22 INDUCTOR CHIP 0μH L519 1-414-234-22 INDUCTOR CHIP 0μH L520 1-414-234-22 INDUCTOR CHIP 0μH L521 1-414-234-22 INDUCTOR CHIP 0μH L522 1-414-234-22 INDUCTOR CHIP 0μH L523 1-414-856-11 INDUCTOR CHIP 0μH L513 1-414-234-22 INDUCTOR CHIP 0μH L514 1-414-234-22 INDUCTOR CHIP 0μH L515 1-414-234-22 INDUCTOR CHIP 0μH L516 1-414-234-22 INDUCTOR CHIP 0μH L517 1-414-234-22 INDUCTOR CHIP 0μH L520 1-414-234-22 INDUCTOR CHIP 0μH L521 1-414-234-22 INDUCTOR CHIP 0μH L522 1-414-234-22 INDUCTOR CHIP 0μH L523 1-414-856-11 INDUCTOR CHIP 0μH L524 8-729-422-27 TRANSISTOR 2SD601A-Q L525 8-729-422-27 TRANSISTOR 2SD601A-Q L526 8-729-422-27 TRANSISTOR 2SD601A-Q L527 8-729-422-27 TRANSISTOR 2SD601A-Q L528 8-729-422-27 TRANSISTOR 2SD601A-Q L529 1-414-234-22 INDUCTOR CHIP 0μH L520 1-414-234-22 INDUCTOR CHIP 0μH L521 1-414-234-22 INDUCTOR CHIP 0μH L522 1-414-234-22 INDUCTOR CHIP 0μH L523 1-414-234-22 INDUCTOR CHIP 0μH L524 1-414-234-22 INDUCTOR CHIP 0μH L525 8-729-422-27 TRANSISTOR 2SD601A-Q L527 1-414-234-22 INDUCTOR CHIP 0μH L528 8-729-422-27 TRANSISTOR 2SD601A-Q L528 8-729-422-27 TRANSISTOR 2SD601A-Q L529 1-414-234-22 INDUCTOR CHIP 0μH L536 8-729-422-27 TRANSISTOR 2SD601A-Q L537 8-729-422-27 TRANSISTOR 2SD601A-Q L538 8-729-422-27 TRANSISTOR 2SD601A-Q L539 8-729-422-27 TRANSISTOR 2SD601A-Q L530 8-729-422-27 TRANSISTOR 2SD601A-Q L530 8-729-422-27 TRANSISTOR 2SD601A-Q L531 8-729-422-27 TRANSISTOR 2SD601A-Q L532 8-729-422-27 TRANSISTOR 2SD601A-Q L533 8-729-422-27 TRANSISTOR 2SD601A-Q L534 8-729-422-27 TRANSISTOR 2SD601A-Q L535 8-729-422-27 TRANSISTOR 2SD601A-Q L536 8-729-422-27 TR	L506	1-414-856-11	INDUCTOR	10μΗ		Q518	8-729-216-22	TRANSISTOR	2SA1162-G	
L509 1-414-856-11 INDUCTOR 10μH L510 1-414-856-11 INDUCTOR 10μH L511 1-414-856-11 INDUCTOR 10μH L511 1-414-856-11 INDUCTOR 10μH L512 1-414-856-11 INDUCTOR 10μH L513 1-414-234-22 INDUCTOR CHIP 0μH L515 1-414-856-11 INDUCTOR 10μH L516 1-414-856-11 INDUCTOR 10μH L517 1-414-856-11 INDUCTOR 10μH L518 1-414-234-22 INDUCTOR CHIP 0μH L519 1-414-234-22 INDUCTOR CHIP 0μH L510 1-414-234-22 INDUCTOR CHIP 0μH L510 1-414-234-22 INDUCTOR CHIP 0μH L511 1-414-234-22 INDUCTOR CHIP 0μH L512 1-414-234-22 INDUCTOR CHIP 0μH L513 1-414-234-22 INDUCTOR CHIP 0μH L514 1-414-234-22 INDUCTOR CHIP 0μH L515 1-414-234-22 INDUCTOR CHIP 0μH L516 1-414-234-22 INDUCTOR CHIP 0μH L517 1-414-234-22 INDUCTOR CHIP 0μH L518 1-414-234-22 INDUCTOR CHIP 0μH L519 1-414-234-22 INDUCTOR CHIP 0μH L510 1-414-234-22 INDUCTO	L507	1-414-856-11	INDUCTOR	10μΗ		Q519	8-729-216-22	TRANSISTOR	2SA1162-G	
L510 1-414-856-11 INDUCTOR 10μH Q521 8-729-216-22 TRANSISTOR 2SA1162-G Q522 8-729-027-38 TRANSISTOR DTA144EKA-T146 L511 1-414-856-11 INDUCTOR 10μH Q523 8-729-216-22 TRANSISTOR 2SA1162-G TRANSISTOR 2SA1162-G Q522 8-729-027-38 TRANSISTOR 2SA1162-G Q523 8-729-216-22 TRANSISTOR 2SA1162-G Q524 8-729-122-63 TRANSISTOR 2SA1162-G Q524 8-729-122-63 TRANSISTOR 2SA126-E4 Q525 8-729-422-27 TRANSISTOR 2SD601A-Q Q525 8-729-422-27 TRANSISTOR 2SD601A-Q Q525 8-729-422-27 TRANSISTOR 2SD601A-Q Q527 8-729-422-27 TRANSISTOR 2SD601A-Q Q527 8-729-422-27 TRANSISTOR 2SD601A-Q Q527 8-729-422-27 TRANSISTOR 2SD601A-Q Q528 8-729-422-27 TRANSISTOR 2SD601A-Q Q528 8-729-422-27 TRANSISTOR 2SD601A-Q Q528 8-729-422-27 TRANSISTOR 2SD601A-Q Q530 8-729-422-27 TRANSISTOR 2SD601A-Q Q531 8-729-422-27 TRANSISTOR 2SD601A-Q Q531 8-729-422-27 TRANSISTOR 2SD601A-Q Q533 8-729-422-27 TRANSISTOR 2SD601A-Q Q535 8-729-422-27 TRANSISTOR 2SD601A-Q Q536	L508	1-414-856-11	INDUCTOR	10μΗ		Q520	8-729-422-27	TRANSISTOR	2SD601A-Q	
Q522 8-729-027-38 TRANSISTOR DTA144EKA-T146	L509	1-414-856-11	INDUCTOR	10μΗ						
L511 1-414-856-11 INDUCTOR 10μH Q523 8-729-216-22 TRANSISTOR 2SA1162-G L512 1-414-856-11 INDUCTOR 10μH Q524 8-729-122-63 TRANSISTOR 2SA1226-E4 L513 1-414-234-22 INDUCTOR CHIP 0μH Q525 8-729-422-27 TRANSISTOR 2SD601A-Q L514 1-414-856-11 INDUCTOR 10μH Q526 8-729-422-27 TRANSISTOR 2SD601A-Q Q527 8-729-422-27 TRANSISTOR 2SD601A-Q Q527 8-729-422-27 TRANSISTOR 2SD601A-Q Q528 8-729-422-27 TRANSISTOR 2SD601A-Q Q529 8-729-422-27 TRANSISTOR 2SD601A-Q Q520 8-729-422-27 TRANSISTOR 2SD601A-Q Q520 8-729-422-27 TRANSISTOR 2SD601A-Q Q521 8-729-422-27 TRANSISTOR 2SD601A-Q Q522 8-729-422-27 TRANSISTOR 2SD601A-Q Q523 8-729-422-27 TRANSISTOR 2SD601A-Q Q523 8-729-422-27 TRANSISTOR 2SD601A-Q Q524 8-729-422-27 TRANSISTOR 2SD601A-Q Q525 8-729-422-27 TRANSISTOR 2SD601A-Q Q526 8-729-422-27 TRANSISTOR 2SD601A-Q Q527 8-729-422-27 TRANSISTOR 2SD601A-Q Q528 8-729-422-27 TRANSISTOR 2SD601A-Q Q529 8-729-422-27 TRANSISTOR 2SD601A-Q Q520 8-729-422-27 TRANSISTOR 2SD601A-Q	L510	1-414-856-11	INDUCTOR	10μΗ		Q521	8-729-216-22	TRANSISTOR	2SA1162-G	
L512 1-414-856-11 INDUCTOR 10μH Q524 8-729-122-63 TRANSISTOR 2SA1226-E4 L513 1-414-234-22 INDUCTOR CHIP 0μH Q525 8-729-422-27 TRANSISTOR 2SD601A-Q L514 1-414-856-11 INDUCTOR 10μH Q526 8-729-422-27 TRANSISTOR 2SD601A-Q Q527 8-729-422-27 TRANSISTOR 2SD601A-Q Q527 8-729-422-27 TRANSISTOR 2SD601A-Q Q528 8-729-422-27 TRANSISTOR 2SD601A-Q Q529 8-729-422-27 TRANSISTOR 2SD601A-Q Q520 8-729-422-27 TRANSISTOR 2SD601A-Q Q521 8-729-422-27 TRANSISTOR 2SD601A-Q Q522 8-729-422-27 TRANSISTOR 2SD601A-Q Q530 8-729-422-27 TRANSISTOR 2SD601A-Q Q531 8-729-422-27 TRANSISTOR 2SD601A-Q Q531 8-729-422-27 TRANSISTOR 2SD601A-Q Q533 8-729-422-27 TRANSISTOR 2SD601A-Q Q536 8-729-422-27 TRANSISTOR 2SD601A-Q L1001 1-414-234-22 INDUCTOR CHIP 0μH Q536 8-729-422-27 TRANSISTOR 2SD601A-Q L1002 1-414-234-22 INDUCTOR CHIP 0μH Q536 8-729-422-27 TRANSISTOR 2SD601A-Q L1004 1-469-555-21 INDUCTOR 10μH Q537 8-729-422-27 TRANSISTOR 2SD601A-Q L1004 1-469-555-21 INDUCTOR 10μH Q537 8-729-422-27 TRANSISTOR 2SD601A-Q L1004 1-469-555-21 INDUCTOR 10μH						Q522	8-729-027-38	TRANSISTOR	DTA144EKA-T140	5
L513 1-414-234-22 INDUCTOR CHIP 0μH L515 1-414-856-11 INDUCTOR 10μH L515 1-414-856-11 INDUCTOR 10μH L515 1-414-856-11 INDUCTOR 10μH L517 1-414-234-22 INDUCTOR CHIP 0μH L518 1-414-234-22 INDUCTOR CHIP 0μH L520 1-414-234-22 INDUCTOR CHIP 0μH L523 1-414-856-11 INDUCTOR 10μH L523 1-414-856-11 INDUCTOR 10μH L523 1-414-234-22 INDUCTOR CHIP 0μH L520 1-414-234-22 INDUCTOR CHIP 0μH L521 1-414-234-22 INDUCTOR CHIP 0μH L522 1-414-234-22 INDUCTOR CHIP 0μH L523 1-414-856-11 INDUCTOR 10μH L523 1-414-856-11 INDUCTOR CHIP 0μH L523 1-414-234-22 INDUCTOR CHIP 0μH L523 1-414-234-22 INDUCTOR CHIP 0μH L523 1-414-234-22 INDUCTOR CHIP 0μH L524 1-414-234-22 INDUCTOR CHIP 0μH L525 1-414-234-22 INDUCTOR CHIP 0μH L526 1-414-234-22 INDUCTOR CHIP 0μH L527 1-414-234-22 INDUCTOR CHIP 0μH L528 8-729-422-27 TRANSISTOR 2SD601A-Q L533 8-729-422-27 TRANSISTOR 2SD601A-Q L536 8-729-422-27 TRANSISTOR 2SD601A-Q L537 8-729-422-27 TRANSISTOR 2SD601A-Q L538 8-729-422-27 TRANSISTOR 2SD601A-Q L539 8-729-422-27 TRANSISTOR 2SD601A-Q L530 8-729-422-27 TRANSISTOR 2SD601A-Q L531 8-729-422-27 TRANSISTOR 2SD601A-Q L532 8-729-422-27 TRANSISTOR 2SD601A-Q L533 8-729-422-27 TRANSISTOR 2SD601A-Q L534 8-729-422-27 TRANSISTOR 2SD601A-Q L535 8-729-422-27 TRANSISTOR 2SD601A-Q L536 8-729-422-27 TRANSISTOR 2SD601A-Q L537 8-729-422-27 TRANSISTOR 2SD601A-Q L538 8-729-422-27 TRANSISTOR 2SD601A-Q L539 8-729-422-27 TRANSISTOR 2SD601A-Q L530 8-729-422-27 TRANSISTOR	L511	1-414-856-11	INDUCTOR	10μΗ		Q523	8-729-216-22	TRANSISTOR	2SA1162-G	
L514 1-414-856-11 INDUCTOR 10μH L515 1-414-856-11 INDUCTOR 10μH Q526 8-729-422-27 TRANSISTOR 2SD601A-Q Q527 8-729-422-27 TRANSISTOR 2SD601A-Q Q528 8-729-422-27 TRANSISTOR 2SD601A-Q L517 1-414-234-22 INDUCTOR CHIP 0μH Q530 8-729-422-27 TRANSISTOR 2SD601A-Q L519 1-414-234-22 INDUCTOR CHIP 0μH Q531 8-729-422-27 TRANSISTOR 2SD601A-Q L520 1-414-234-22 INDUCTOR CHIP 0μH Q531 8-729-422-27 TRANSISTOR 2SD601A-Q L523 1-414-856-11 INDUCTOR CHIP 0μH Q532 8-729-422-27 TRANSISTOR 2SD601A-Q Q533 8-729-216-22 TRANSISTOR 2SD601A-Q Q533 8-729-216-22 TRANSISTOR 2SD601A-Q Q533 8-729-216-22 TRANSISTOR 2SD601A-Q Q533 8-729-216-22 TRANSISTOR 2SD601A-Q Q536 8-729-422-27 TRANSISTOR 2SD601A-Q L1002 1-414-234-22 INDUCTOR CHIP 0μH Q536 8-729-422-27 TRANSISTOR 2SD601A-Q L1004 1-469-555-21 INDUCTOR 10μH Q537 8-729-422-27 TRANSISTOR 2SD601A-Q S536 8-729-422-27 TRANSISTOR 2SD601A-Q C537 8-729-422-27 TRANSISTOR 2SD601A-Q C538 8-729-422-27 TRANSISTOR 2SD601A-Q C539 8-729-422-27 TRANSISTOR 2SD601A-Q C530 8-729-422-27 TRANSISTOR 2SD601A-Q	L512	1-414-856-11	INDUCTOR	10μΗ		Q524	8-729-122-63	TRANSISTOR	2SA1226-E4	
L515 1-414-856-11 INDUCTOR 10μH Q526 8-729-422-27 TRANSISTOR 2SD601A-Q Q527 8-729-422-27 TRANSISTOR 2SD601A-Q Q527 8-729-422-27 TRANSISTOR 2SD601A-Q Q528 8-729-422-27 TRANSISTOR 2SD601A-Q Q528 8-729-422-27 TRANSISTOR 2SD601A-Q Q530 8-729-422-27 TRANSISTOR 2SD601A-Q Q530 8-729-422-27 TRANSISTOR 2SD601A-Q Q531 8-729-422-27 TRANSISTOR 2SD601A-Q Q531 8-729-422-27 TRANSISTOR 2SD601A-Q Q531 8-729-422-27 TRANSISTOR 2SD601A-Q Q533 8-729-422-27 TRANSISTOR 2SD601A-Q Q533 8-729-216-22 TRANSISTOR 2SD601A-Q Q533 8-729-216-22 TRANSISTOR 2SD601A-Q Q533 8-729-216-22 TRANSISTOR 2SD601A-Q Q535 8-729-422-27 TRANSISTOR 2SD601A-Q Q536 8-729-422-27 TRANSI	L513	1-414-234-22	INDUCTOR CHIP	0μΗ		Q525	8-729-422-27	TRANSISTOR	2SD601A-Q	
Q527 8-729-422-27 TRANSISTOR 2SD601A-Q Q528 8-729-422-27 TRANSISTOR 2SD601A-Q Q528 8-729-422-27 TRANSISTOR 2SD601A-Q Q528 8-729-422-27 TRANSISTOR 2SD601A-Q Q529 R-729-422-27 TRANSISTOR Q529 Q529 Q529 R-729-422-27 TRANSISTOR Q529 Q529 Q529 Q529 R-729-422-27 TRANSISTOR Q529	L514	1-414-856-11	INDUCTOR	10μH						
L517 1-414-234-22 INDUCTOR CHIP 0μH Q528 8-729-422-27 TRANSISTOR 2SD601A-Q L518 1-414-234-22 INDUCTOR CHIP 0μH Q530 8-729-422-27 TRANSISTOR 2SD601A-Q L519 1-414-234-22 INDUCTOR CHIP 0μH Q531 8-729-422-27 TRANSISTOR 2SD601A-Q L520 1-414-234-22 INDUCTOR CHIP 0μH Q532 8-729-422-27 TRANSISTOR 2SD601A-Q L523 1-414-856-11 INDUCTOR 10μH Q532 8-729-422-27 TRANSISTOR 2SD601A-Q Q533 8-729-216-22 TRANSISTOR 2SD601A-Q Q533 8-729-216-22 TRANSISTOR 2SA1162-G L1001 1-414-234-22 INDUCTOR CHIP 0μH Q535 8-729-422-27 TRANSISTOR 2SD601A-Q L1002 1-414-234-22 INDUCTOR CHIP 0μH Q536 8-729-422-27 TRANSISTOR 2SD601A-Q L1004 1-469-555-21 INDUCTOR 10μH Q537 8-729-422-27 TRANSISTOR 2SD601A-Q	L515	1-414-856-11	INDUCTOR	10μΗ		Q526	8-729-422-27	TRANSISTOR	2SD601A-Q	
L517 1-414-234-22 INDUCTOR CHIP 0μH Q528 8-729-422-27 TRANSISTOR 2SD601A-Q L518 1-414-234-22 INDUCTOR CHIP 0μH Q530 8-729-422-27 TRANSISTOR 2SD601A-Q L519 1-414-234-22 INDUCTOR CHIP 0μH Q531 8-729-422-27 TRANSISTOR 2SD601A-Q L520 1-414-234-22 INDUCTOR CHIP 0μH Q532 8-729-422-27 TRANSISTOR 2SD601A-Q L523 1-414-856-11 INDUCTOR 10μH Q532 8-729-422-27 TRANSISTOR 2SD601A-Q Q533 8-729-216-22 TRANSISTOR 2SD601A-Q Q533 8-729-216-22 TRANSISTOR 2SA1162-G L1001 1-414-234-22 INDUCTOR CHIP 0μH Q535 8-729-422-27 TRANSISTOR 2SD601A-Q L1002 1-414-234-22 INDUCTOR CHIP 0μH Q536 8-729-422-27 TRANSISTOR 2SD601A-Q L1004 1-469-555-21 INDUCTOR 10μH Q537 8-729-422-27 TRANSISTOR 2SD601A-Q						Q527	8-729-422-27	TRANSISTOR	2SD601A-Q	
L519 1-414-234-22 INDUCTOR CHIP 0μH Q531 8-729-422-27 TRANSISTOR 2SD601A-Q L520 1-414-234-22 INDUCTOR CHIP 0μH L523 1-414-856-11 INDUCTOR 10μH Q532 8-729-422-27 TRANSISTOR 2SD601A-Q Q533 8-729-216-22 TRANSISTOR 2SD601A-Q Q533 8-729-216-22 TRANSISTOR 2SA1162-G L1001 1-414-234-22 INDUCTOR CHIP 0μH Q535 8-729-422-27 TRANSISTOR 2SD601A-Q L1002 1-414-234-22 INDUCTOR CHIP 0μH Q536 8-729-422-27 TRANSISTOR 2SD601A-Q L1004 1-469-555-21 INDUCTOR 10μH Q537 8-729-422-27 TRANSISTOR 2SD601A-Q	L517	1-414-234-22	INDUCTOR CHIP	0μΗ		-	8-729-422-27	TRANSISTOR	2SD601A-Q	
L519 1-414-234-22 INDUCTOR CHIP 0μH Q531 8-729-422-27 TRANSISTOR 2SD601A-Q L520 1-414-234-22 INDUCTOR CHIP 0μH L523 1-414-856-11 INDUCTOR 10μH Q532 8-729-422-27 TRANSISTOR 2SD601A-Q Q533 8-729-216-22 TRANSISTOR 2SD601A-Q Q533 8-729-216-22 TRANSISTOR 2SA1162-G L1001 1-414-234-22 INDUCTOR CHIP 0μH Q535 8-729-422-27 TRANSISTOR 2SD601A-Q L1002 1-414-234-22 INDUCTOR CHIP 0μH Q536 8-729-422-27 TRANSISTOR 2SD601A-Q L1004 1-469-555-21 INDUCTOR 10μH Q537 8-729-422-27 TRANSISTOR 2SD601A-Q						-				
L520 1-414-234-22 INDUCTOR CHIP 0μH L523 1-414-856-11 INDUCTOR 10μH Q532 8-729-422-27 TRANSISTOR 2SD601A-Q Q533 8-729-216-22 TRANSISTOR 2SA1162-G L1001 1-414-234-22 INDUCTOR CHIP 0μH Q535 8-729-422-27 TRANSISTOR 2SD601A-Q L1002 1-414-234-22 INDUCTOR CHIP 0μH Q536 8-729-422-27 TRANSISTOR 2SD601A-Q L1004 1-469-555-21 INDUCTOR 10μH Q537 8-729-422-27 TRANSISTOR 2SD601A-Q		1-414-234-22	INDUCTOR CHIP	0μΗ		-				
L523 1-414-856-11 INDUCTOR 10μH Q532 8-729-422-27 TRANSISTOR 2SD601A-Q Q533 8-729-216-22 TRANSISTOR 2SA1162-G L1001 1-414-234-22 INDUCTOR CHIP 0μH Q535 8-729-422-27 TRANSISTOR 2SD601A-Q L1002 1-414-234-22 INDUCTOR CHIP 0μH Q536 8-729-422-27 TRANSISTOR 2SD601A-Q L1004 1-469-555-21 INDUCTOR 10μH Q537 8-729-422-27 TRANSISTOR 2SD601A-Q						-			-	
Q533 8-729-216-22 TRANSISTOR 2SA1162-G				•		Q532	8-729-422-27	TRANSISTOR	2SD601A-Q	
L1001 1-414-234-22 INDUCTOR CHIP 0μH Q535 8-729-422-27 TRANSISTOR 2SD601A-Q L1002 1-414-234-22 INDUCTOR CHIP 0μH Q536 8-729-422-27 TRANSISTOR 2SD601A-Q L1004 1-469-555-21 INDUCTOR 10μH Q537 8-729-422-27 TRANSISTOR 2SD601A-Q				•		-			_	
L1002 1-414-234-22 INDUCTOR CHIP 0μH Q536 8-729-422-27 TRANSISTOR 2SD601A-Q L1004 1-469-555-21 INDUCTOR 10μH Q537 8-729-422-27 TRANSISTOR 2SD601A-Q	L1001	1-414-234-22	INDUCTOR CHIP	0μΗ		-				
L1004 1-469-555-21 INDUCTOR 10μH Q537 8-729-422-27 TRANSISTOR 2SD601A-Q				•						
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				•		-			-	



REF. NO.	PART NO.	DESCRIPTION		REMARK	REF. NO.	PART NO.	DESCRIPTION		REMARK
Q538	8-729-216-22	TRANSISTOR	2SA1162-G		Q1324	8-729-422-27	TRANSISTOR	2SD601A-Q	
Q539		TRANSISTOR			Q1325		TRANSISTOR		
Q540		TRANSISTOR			Q1326	8-729-422-27	TRANSISTOR	2SD601A-Q	
Q541			DTA144EKA-T146						
Q542	8-729-216-22	TRANSISTOR	2SA1162-G		Q1327		TRANSISTOR		
0542	9 720 422 27	TD A NICICTOD	2006014 0		Q1328		TRANSISTOR		
Q543 Q544		TRANSISTOR TRANSISTOR			Q1329 Q1330		TRANSISTOR TRANSISTOR		
Q545			DTC144EKA-T146		Q1330 Q1331		TRANSISTOR		
Q546		TRANSISTOR			Q1551	0-727-210-22	TRANSISTOR	25A1102-G	
Q547		TRANSISTOR			Q1332	8-729-216-22	TRANSISTOR	2SA1162-G	
Q					Q1333		TRANSISTOR		
Q548	8-729-422-27	TRANSISTOR	2SD601A-Q		Q1335		TRANSISTOR		
Q549	8-729-027-38	TRANSISTOR	DTA144EKA-T146		Q1336		TRANSISTOR		
Q550	1-801-806-11	TRANSISTOR	DTC144EKA-T146		Q1338	8-729-216-22	TRANSISTOR	2SA1162-G	
Q551			DTC144EKA-T146						
Q552	8-729-422-27	TRANSISTOR	2SD601A-Q		Q1343		TRANSISTOR		
					Q1366		TRANSISTOR	_	
Q553		TRANSISTOR			Q1367		TRANSISTOR		
Q554			DTC144EKA-T146		Q1402		TRANSISTOR		
Q560		TRANSISTOR			Q1403	8-729-422-27	TRANSISTOR	28D001A-Q	
Q561 Q562		TRANSISTOR TRANSISTOR			Q1404	8 720 422 27	TRANSISTOR	2SD601 A O	
Q302	0-129-422-21	TRANSISTOR	25D001A-Q		Q1404 Q1405		TRANSISTOR		
Q563	8-729-216-22	TRANSISTOR	2SA1162-G		Q1406			DTC144EKA-T146	
Q564		TRANSISTOR			Q1407		TRANSISTOR		
Q801			DTA144EKA-T146		Q1408		TRANSISTOR		
Q1001	8-729-422-27	TRANSISTOR	2SD601A-Q						
Q1002	8-729-422-27	TRANSISTOR	2SD601A-Q		Q1413	8-729-216-22	TRANSISTOR	2SA1162-G	
					Q1414		TRANSISTOR		
Q1003		TRANSISTOR			Q1415		TRANSISTOR		
Q1004		TRANSISTOR			Q1416		TRANSISTOR		
Q1005			DTC144EKA-T146		Q1417	8-729-216-22	TRANSISTOR	2SA1162-G	
Q1006		TRANSISTOR			01410	0.700.016.00	TD A MIGIGTOR	2014 11 62 6	
Q1008	8-729-422-27	TRANSISTOR	2SD601A-Q		Q1418		TRANSISTOR		
Q1010	8 720 422 27	TRANSISTOR	2SD601A O		Q1419 Q1420		TRANSISTOR	DTC144EKA-T146	
Q1010 Q1011		TRANSISTOR			Q1420 Q1421		TRANSISTOR		'
Q1011		TRANSISTOR			Q1421 Q1422		TRANSISTOR		
Q1015			DTC144EKA-T146		Q1 .22	0 ,2 ,12 2 ,	110 11 (515 1 511	20200111 Q	
Q1018		TRANSISTOR			Q1601	1-801-806-11	TRANSISTOR	DTC144EKA-T146	
					Q1602	1-801-806-11	TRANSISTOR	DTC144EKA-T146	
Q1020	8-729-422-27	TRANSISTOR	2SD601A-Q		Q1603	1-801-806-11	TRANSISTOR	DTC144EKA-T146	i
Q1022		TRANSISTOR	•		Q1604			DTC144EKA-T146	
Q1301		TRANSISTOR			Q1605	1-801-806-11	TRANSISTOR	DTC144EKA-T146	
Q1302		TRANSISTOR							
Q1303	8-729-422-27	TRANSISTOR	2SD601A-Q		Q1606			DTC144EKA-T146	
01204	9 720 422 27	TD A MCICTOR	25D601A O		Q1607			DTC144EKA-T146	
Q1304 Q1305		TRANSISTOR TRANSISTOR	•		Q1608 Q1609		TRANSISTOR	DTC144EKA-T146	1
Q1305 Q1306		TRANSISTOR			Q1610		TRANSISTOR		
Q1307		TRANSISTOR			Q1010	0 727 040 30	TRUTISISTOR	25K3010 1100	
Q1308		TRANSISTOR			Q1611	8-729-048-50	TRANSISTOR	2SK3018-T106	
					Q1612		TRANSISTOR		
Q1309	8-729-216-22	TRANSISTOR	2SA1162-G		Q1613	8-729-048-50	TRANSISTOR	2SK3018-T106	
Q1311	8-729-216-22	TRANSISTOR	2SA1162-G		Q1614	8-729-048-50	TRANSISTOR	2SK3018-T106	
Q1312			DTC144EKA-T146		Q1615	8-729-048-50	TRANSISTOR	2SK3018-T106	
Q1313		TRANSISTOR							
Q1315	8-729-216-22	TRANSISTOR	2SA1162-G		Q1616		TRANSISTOR		
01217	9 700 400 07	TD A MOTOROS	2CD (01 4 C)		Q1617		TRANSISTOR	_	
Q1317		TRANSISTOR	-		Q1621		TRANSISTOR		
Q1318 Q1319		TRANSISTOR TRANSISTOR			Q1628 Q1629		TRANSISTOR	2SD601A-Q DTC144EKA-T146	
Q1319 Q1320		TRANSISTOR			Q1029	1-001-000-11	MOTOR	DICI++EKA-1140	1
Q1320 Q1321		TRANSISTOR			Q1630	8-729-422-27	TRANSISTOR	2SD601A-O	
Z -021			9		Q1631		TRANSISTOR		
Q1322	8-729-216-22	TRANSISTOR	2SA1162-G		-				
Q1323	8-729-216-22	TRANSISTOR	2SA1162-G						



REF. NO.	PART NO.	DESCRIPTION]	REMARK	REF. NO.	PART NO.	DESCRIPTION		R	REMARK
		.DEGIGTOD.		-		D556	1 216 121 01	DEC CHID	13.6	-	1/10337
		<resistor></resistor>				R556	1-216-121-91 1-216-065-91		1M 4.7K	5% 5%	1/10W 1/10W
R501	1-216-073-00	DEC CHID	10K	5%	1/10W	R557 R558	1-216-063-91		4./K 10K	5%	1/10W 1/10W
R502	1-216-073-00	,	10K	5%	1/10W 1/10W	R559	1-216-073-00	*	10K	5%	1/10W
R502	1-216-065-91		4.7K	5%	1/10W 1/10W	R560		METAL CHIP	680		1/10W 1/10W
R504	1-216-065-91	,	4.7K 4.7K	5%	1/10W 1/10W	K300	1-200-770-11	METAL CHIP	000	0.50%	1/10 W
R505			4.7K 4.7K	5%	1/10W 1/10W	D561	1 216 065 01	DEC CHID	4.7K	5%	1/10W
K303	1-216-065-91	кез,спіг	4./K	3%	1/10 W	R561 R562	1-216-065-91 1-216-057-00		4.7K 2.2K	5%	1/10W 1/10W
R506	1-216-025-91	DEC CHID	100	5%	1/10W	R562 R563	1-216-037-00	,	2.2K 100K	5%	1/10W 1/10W
				3%	1/10 W						
R507	1-216-295-91 1-249-393-11		0	£0/	1 /4W/ E	R564	1-216-097-91	,	100K	5%	1/10W
R508	1-249-393-11		10	5%	1/4W F	R565	1-216-097-91	RES,CHIP	100K	5%	1/10W
R509			1	5%	1/4W F	D566	1 216 060 00	DEC CHID	C 017	E0/	1/10337
R510	1-216-057-00	кез,спіг	2.2K	5%	1/10W	R566	1-216-069-00 1-216-049-91		6.8K	5% 5%	1/10W 1/10W
D.5.1.1	1 216 205 01	CHODT	0			R567			1K		
R511	1-216-295-91		0			R569	1-216-073-00		10K	5%	1/10W
R512	1-216-295-91		0			R570		METAL CHIP	4.7K		1/10W
R513	1-216-295-91 1-216-031-00		0	£0/	1/10337	R571	1-208-800-11	METAL CHIP	10K	0.50%	1/10W
R514		*	180	5%	1/10W	D.570	1 21 6 007 01	DEC CITID	10077	50/	1 /1 0337
R515	1-249-381-11	CARBON	1	5%	1/4W F	R572	1-216-097-91	,	100K	5%	1/10W
D.51.6	1 216 025 01	DEC CHID	100	50/	1 /1 0117	R573	1-216-049-91	,	1K	5%	1/10W
R516	1-216-025-91	*	100	5%	1/10W	R574	1-216-057-00		2.2K	5%	1/10W
R517	1-216-101-00		150K	5%	1/10W	R575	1-216-057-00	,	2.2K	5%	1/10W
R518	1-216-295-91		0		4 /4 0777	R576	1-216-097-91	RES,CHIP	100K	5%	1/10W
R519	1-216-025-91	*	100	5%	1/10W	D 555		DEG GIVE	4077	- 0.	4 (4.0777
R520	1-216-065-91	RES,CHIP	4.7K	5%	1/10W	R577	1-216-075-00		12K	5%	1/10W
						R578	1-216-073-00		10K	5%	1/10W
R521	1-216-049-91		1K	5%	1/10W	R580		METAL CHIP	22K		1/10W
R522	1-216-295-91		0			R581	1-216-073-00	· · · · · · · · · · · · · · · · · · ·	10K	5%	1/10W
R523	1-216-031-00	,	180	5%	1/10W	R582	1-216-049-91	RES,CHIP	1K	5%	1/10W
R524	1-216-081-00		22K	5%	1/10W						
R525	1-216-655-11	METAL CHIP	1.5K	0.50%	1/10W	R583	1-216-057-00		2.2K	5%	1/10W
						R584	1-216-097-91		100K	5%	1/10W
R526	1-216-031-00		180	5%	1/10W	R585	1-216-097-91		100K	5%	1/10W
R527	1-216-085-00		33K	5%	1/10W	R586	1-216-049-91	· · · · · · · · · · · · · · · · · · ·	1K	5%	1/10W
R528	1-216-059-00		2.7K	5%	1/10W	R587	1-216-295-91	SHORT	0		
R529	1-216-105-91	RES,CHIP	220K	5%	1/10W						
R530	1-208-780-11	METAL CHIP	820	0.50%	1/10W	R588	1-216-017-91	,	47	5%	1/10W
						R589	1-216-049-91	/ -	1K	5%	1/10W
R531		METAL CHIP	470	0.50%	1/10W	R590	1-208-806-11	METAL CHIP	10K	0.50%	1/10W
R532	1-216-049-91	RES,CHIP	1K	5%	1/10W	R591		METAL CHIP	10K	0.50%	1/10W
R533		METAL OXIDE	0.82	5%	2W F	R592	1-216-025-91	RES,CHIP	100	5%	1/10W
R534	1-208-810-11	METAL CHIP	15K	0.50%	1/10W						
R535	1-216-373-11	METAL OXIDE	2.2	5%	2W F	R593	1-216-049-91	RES,CHIP	1K	5%	1/10W
						R594	1-216-121-91	RES,CHIP	1M	5%	1/10W
R536	1-208-782-11	METAL CHIP	1K	0.50%	1/10W	R595	1-216-033-00	RES,CHIP	220	5%	1/10W
R537	1-208-818-11	METAL CHIP	33K	0.50%	1/10W	R596	1-216-049-91	RES,CHIP	1K	5%	1/10W
R538	1-216-083-00	RES,CHIP	27K	5%	1/10W	R597	1-216-025-91	RES,CHIP	100	5%	1/10W
R539	1-216-689-11	RES,CHIP	39K	5%	1/10W						
R540	1-208-808-11	METAL CHIP	12K	0.50%	1/10W	R598	1-216-033-00	RES,CHIP	220	5%	1/10W
						R599	1-216-105-91	RES,CHIP	220K	5%	1/10W
R541	1-208-806-11	METAL CHIP	10K	0.50%	1/10W	R600	1-216-041-00	RES,CHIP	470	5%	1/10W
R542	1-216-043-91	RES,CHIP	560	5%	1/10W	R601	1-216-081-00	RES,CHIP	22K	5%	1/10W
R543	1-208-776-11	METAL CHIP	560	0.50%	1/10W	R602	1-216-065-91	RES,CHIP	4.7K	5%	1/10W
R544	1-216-045-00	RES,CHIP	680	5%	1/10W						
R545	1-216-071-00	RES,CHIP	8.2K	5%	1/10W	R603	1-216-073-00	RES,CHIP	10K	5%	1/10W
						R604	1-216-073-00	RES,CHIP	10K	5%	1/10W
R546	1-208-826-11	METAL CHIP	68K	0.50%	1/10W	R605	1-216-049-91	RES,CHIP	1K	5%	1/10W
R547	1-216-073-00	RES,CHIP	10K	5%	1/10W	R606	1-216-373-11	METAL OXIDE	2.2	5%	2W F
R548		METAL CHIP	1.8K		1/10W	R607	1-216-057-00		2.2K	5%	1/10W
R549		METAL CHIP	1K		1/10W						
R550		METAL CHIP	10K		1/10W	R608	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
						R609	1-216-033-00		220	5%	1/10W
R551	1-216-097-91	RES,CHIP	100K	5%	1/10W	R610	1-216-025-91		100	5%	1/10W
R552	1-216-081-00		22K	5%	1/10W	R611	1-216-107-00		270K	5%	1/10W
R553	1-216-057-00		2.2K	5%	1/10W	R612	1-216-057-00		2.2K	5%	1/10W
R554		METAL CHIP	560		1/10W	- =		•		-	• • •
R555	1-216-043-91		560	5%	1/10W	R613	1-216-073-00	RES,CHIP	10K	5%	1/10W
		•				R614	1-216-073-00		10K	5%	1/10W
					1			•			



REF. NO.	PART NO.	DESCRIPTION		ļ	REMARK	REF. NO.	PART NO.	DESCRIPTION		Ī	REMARK
R615 R616	1-216-069-00 1-216-295-91		6.8K 0	5%	1/10W	R674	1-216-025-91	RES,CHIP	100	5%	1/10W
R617	1-216-293-91		47	5%	1/10W	R675	1-216-083-00	RES CHIP	27K	5%	1/10W
ROTT	1 210 017 71	KL5,CIII	77	570	1/10**	R676	1-216-025-91		100	5%	1/10W
R618	1-216-057-00	RES CHIP	2.2K	5%	1/10W	R677	1-216-025-91		100	5%	1/10W
R619	1-216-033-00		220	5%	1/10W	R678	1-216-025-91		100	5%	1/10W
R620	1-216-049-91		1K	5%	1/10W	R679	1-216-065-91		4.7K	5%	1/10W
R621	1-216-025-91		100	5%	1/10W	Rois	1 210 003 71	RED,CIIII	T. / IX	370	1/10 **
R622	1-216-049-91	/ -	1K	5%	1/10W	R680	1-216-025-91	RES CHIP	100	5%	1/10W
ROZZ	1 210 047 71	KL5,CIII	111	570	1/10**	R681	1-216-065-91	*	4.7K	5%	1/10W
R623	1-216-025-91	RES CHIP	100	5%	1/10W	R682		METAL CHIP	680		1/10W
R624	1-216-057-00		2.2K	5%	1/10W	R683	1-216-057-00		2.2K	5%	1/10W
R625	1-216-025-91		100	5%	1/10W	R685	1-216-025-91		100	5%	1/10W
R626	1-216-057-00		2.2K	5%	1/10W	1003	1 210 023 71	RES,CIII	100	370	1/10**
R628		METAL CHIP	1.8K		1/10W	R686	1-216-077-91	RES CHIP	15K	5%	1/10W
1020	1 200 700 11	METAL CITI	1.01	0.5070	1/10**	R687	1-216-295-91		0	370	1/10**
R629	1-208-814-91	METAL CHIP	22K	0.50%	1/10W	R688	1-216-057-00		2.2K	5%	1/10W
R630	1-216-097-91		100K	5%	1/10W	R689	1-216-025-91		100	5%	1/10W
R631	1-216-025-91		1001	5%	1/10W	R690	1-216-025-91		100	5%	1/10W
R632	1-216-025-91	*	100	5%	1/10W	K070	1-210-025-71	KL5,CIII	100	370	1/10**
R633	1-216-025-91		100	5%	1/10W	R692	1 208 808 11	METAL CHIP	12K	0.50%	1/10W
K033	1-210-025-91	KES,CIIII	100	370	1/10 VV	R693	1-216-025-91		100	5%	1/10W
R634	1-216-057-00	DEC CHID	2.2K	5%	1/10W	R694	1-216-023-91		220	5%	1/10W
	1-216-037-00		2.2 K	3%	1/10 VV	R695	1-216-035-00	,	100	5%	1/10W 1/10W
R635				F0/	1/10337						
R636	1-216-133-00		3.3M	5%	1/10W	R696	1-208-822-11	METAL CHIP	47K	0.50%	1/10W
R637	1-216-025-91		100	5%	1/10W	D C 0.7	1 216 025 01	DEC CHID	100	E0/	1/10W
R638	1-216-025-91	RES,CHIP	100	5%	1/10W	R697	1-216-025-91		100	5%	
D (20	1 216 025 01	DEC CHID	100	50/	1 /1 0337	R698	1-216-049-91		1K	5%	1/10W
R639	1-216-025-91		100	5%	1/10W	R699		METAL CHIP	4.7K		1/10W
R640	1-216-025-91		100	5%	1/10W	R700	1-216-043-91		560	5%	1/10W
R642	1-216-025-91		100	5%	1/10W	R701	1-208-755-11	METAL CHIP	75	0.50%	1/10W
R643	1-216-025-91	*	100	5%	1/10W	D702	1 21 6 20 5 01	GHODE	0		
R644	1-216-025-91	RES,CHIP	100	5%	1/10W	R702	1-216-295-91		0	-	4 /4 0777
5.45	4 24 5 22 24	DEG GIVE	100	= 0.	4 /4 0777	R703	1-216-049-91	*	1K	5%	1/10W
R645	1-216-025-91	*	100	5%	1/10W	R705	1-216-025-91		100	5%	1/10W
R646	1-216-025-91		100	5%	1/10W	R707		METAL CHIP	22K		1/10W
R647	1-216-025-91	*	100	5%	1/10W	R708	1-216-025-91	RES,CHIP	100	5%	1/10W
R648	1-216-017-91		47	5%	1/10W						
R649	1-216-025-91	RES,CHIP	100	5%	1/10W	R709	1-216-091-00		56K	5%	1/10W
						R710	1-216-025-91		100	5%	1/10W
R650	1-216-025-91		100	5%	1/10W	R712	1-216-025-91		100	5%	1/10W
R651	1-216-073-00		10K	5%	1/10W	R713	1-216-025-91		100	5%	1/10W
R652	1-216-025-91	*	100	5%	1/10W	R714	1-216-295-91	SHORT	0		
R653	1-216-025-91	*	100	5%	1/10W						
R654	1-216-025-91	RES,CHIP	100	5%	1/10W	R716	1-216-025-91		100	5%	1/10W
						R717	1-216-051-00		1.2K	5%	1/10W
R655	1-216-025-91		100	5%	1/10W	R719	1-216-295-91		0		
R656	1-216-025-91		100	5%	1/10W	R720	1-216-057-00		2.2K	5%	1/10W
R657	1-216-083-00		27K	5%	1/10W	R721	1-216-025-91	RES,CHIP	100	5%	1/10W
R658	1-216-689-11	*	39K	5%	1/10W						
R659	1-216-025-91	RES,CHIP	100	5%	1/10W	R722	1-216-025-91		100	5%	1/10W
						R723	1-216-295-91		0		
R660	1-216-025-91		100	5%	1/10W	R725	1-208-782-11	METAL CHIP	1K	0.50%	1/10W
R661	1-216-061-00	*	3.3K	5%	1/10W	R726	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R662	1-216-025-91	RES,CHIP	100	5%	1/10W	R727	1-216-051-00	RES,CHIP	1.2K	5%	1/10W
R663	1-216-025-91	RES,CHIP	100	5%	1/10W						
R664	1-208-776-11	METAL CHIP	560	0.50%	1/10W	R728	1-208-806-11	METAL CHIP	10K	0.50%	1/10W
						R729	1-216-295-91	SHORT	0		
R665	1-216-025-91		100	5%	1/10W	R730	1-216-049-91	RES,CHIP	1K	5%	1/10W
R666	1-216-049-91	RES,CHIP	1K	5%	1/10W						
R667	1-216-109-00	*	330K	5%	1/10W						
R668	1-216-025-91	RES,CHIP	100	5%	1/10W	R734	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R669	1-208-814-91	METAL CHIP	22K	0.50%	1/10W	R735	1-216-025-91	RES,CHIP	100	5%	1/10W
						R736	1-216-025-91	RES,CHIP	100	5%	1/10W
R670	1-216-069-00		6.8K	5%	1/10W	R739	1-216-073-00	RES,CHIP	10K	5%	1/10W
R671	1-216-025-91	RES,CHIP	100	5%	1/10W	R740	1-216-017-91	RES,CHIP	47	5%	1/10W
R672	1-216-049-91	RES,CHIP	1K	5%	1/10W						
R673	1-216-025-91	RES,CHIP	100	5%	1/10W	R741	1-216-093-91	RES,CHIP	68K	5%	1/10W



REF. NO.	PART NO.	DESCRIPTION		Ţ	REMARK	REF. NO.	PART NO.	DESCRIPTION		R	EMARK
R743	1-216-025-91	RES CHIP	100	5%	1/10W	R824	1-216-025-91	RES CHIP	100	5%	1/10W
R744	1-216-025-91		100	5%	1/10W	R825	1-216-025-91		100	5%	1/10W
R745	1-216-025-91		100	5%	1/10W	1023	1-210-025-71	KL5,CIII	100	370	1/10**
R746	1-216-025-91		100	5%	1/10W	R826	1-216-067-00	DEC CHID	5.6K	5%	1/10W
1740	1-210-025-71	KL5,CIII	100	370	1/10 **	R827	1-216-025-91		100	5%	1/10W
R747	1-216-085-00	RES CHIP	33K	5%	1/10W	R828	1-216-067-00		5.6K		1/10W
R748	1-216-085-00		100	5%	1/10W 1/10W	R829	1-216-025-91		100	5%	1/10W
R749	1-216-025-91		100	5%	1/10W 1/10W	R830	1-216-025-91		100		1/10W 1/10W
R751	1-216-023-91		2.2K	5%	1/10W 1/10W	1030	1-210-025-91	KES,CIII	100	370	1/10 vv
R753	1-216-037-00		2.2 K 100	5%	1/10W 1/10W	R831	1-216-025-91	DEC CHID	100	5%	1/10W
K/33	1-210-023-91	кез,спіг	100	3%	1/10 W	R832	1-216-023-91	,	5.6K	5%	1/10W 1/10W
R754	1-216-025-91	DEC CHID	100	50/	1/10W	R833			100	5%	1/10W 1/10W
				5%	1/10 W		1-216-025-91				
R755	1-216-295-91		0	E0/	1/10337	R834	1-216-067-00		5.6K	5%	1/10W
R756	1-216-045-00	,	680	5% 5%	1/10W	R835	1-216-025-91	RES,CHIP	100	5%	1/10W
R757	1-216-065-91		4.7K	5%	1/10W	D006	1 216 025 01	DEC CIHD	100	50/	1 /1 0117
R759	1-216-295-91	SHORT	0			R836	1-216-025-91		100		1/10W
D7.60	1 216 205 01	CHODE	0			R840	1-216-081-00		22K	5%	1/10W
R760	1-216-295-91		0			R841	1-216-081-00		22K		1/10W
R763	1-216-057-00		2.2K	5%	1/10W	R843	1-216-081-00		22K	5%	1/10W
R765	1-216-057-00	,	2.2K	5%	1/10W	R852	1-216-113-00	RES,CHIP	470K	5%	1/10W
R766	1-216-019-00		56	5%	1/10W						
R768	1-216-081-00	RES,CHIP	22K	5%	1/10W	R853	1-216-041-00		470	5%	1/10W
						R854	1-216-041-00		470	5%	1/10W
R772	1-216-025-91		100	5%	1/10W	R855	1-216-113-00	· · · · · · · · · · · · · · · · · · ·	470K	5%	1/10W
R773	1-216-025-91	RES,CHIP	100	5%	1/10W	R856	1-216-049-91	RES,CHIP	1K	5%	1/10W
R774	1-216-025-91		100	5%	1/10W	R857	1-216-089-91	RES,CHIP	47K	5%	1/10W
R777	1-216-025-91	RES,CHIP	100	5%	1/10W						
R779	1-208-818-11	METAL CHIP	33K	0.50%	1/10W	R858	1-216-065-91	RES,CHIP	4.7K	5%	1/10W
						R859	1-216-033-00	RES,CHIP	220	5%	1/10W
R780	1-216-025-91	RES,CHIP	100	5%	1/10W	R860	1-216-033-00	RES,CHIP	220	5%	1/10W
R781	1-208-794-11	METAL CHIP	3.3K	0.50%	1/10W	R861	1-216-033-00	RES,CHIP	220	5%	1/10W
R783	1-216-025-91	RES,CHIP	100	5%	1/10W	R862	1-216-049-91	RES,CHIP	1K	5%	1/10W
R784	1-216-067-00	RES,CHIP	5.6K	5%	1/10W						
R787	1-216-025-91	RES,CHIP	100	5%	1/10W	R864	1-216-049-91	RES,CHIP	1K	5%	1/10W
						R865	1-216-049-91	RES,CHIP	1K	5%	1/10W
R788	1-216-073-00	RES,CHIP	10K	5%	1/10W	R867	1-216-065-91	RES,CHIP	4.7K	5%	1/10W
R789	1-216-073-00	RES,CHIP	10K	5%	1/10W	R868	1-216-033-00	RES,CHIP	220	5%	1/10W
R790	1-216-025-91	RES,CHIP	100	5%	1/10W	R869	1-216-033-00	RES,CHIP	220	5%	1/10W
R791	1-216-067-00		5.6K	5%	1/10W			,			
R794	1-216-067-00	RES,CHIP	5.6K	5%	1/10W	R870	1-216-113-00	RES,CHIP	470K	5%	1/10W
						R871	1-216-113-00		470K	5%	1/10W
R795	1-216-025-91	RES.CHIP	100	5%	1/10W	R872	1-216-113-00	· · · · · · · · · · · · · · · · · · ·	470K		1/10W
R799	1-216-025-91	*	100	5%	1/10W	R873	1-216-113-00		470K		1/10W
R800	1-216-025-91	,	100	5%	1/10W	R875		METAL CHIP	75		1/10W
R801	1-216-081-00		22K	5%	1/10W		,		, -		-,
R802	1-216-041-00		470	5%	1/10W	R876	1-208-755-11	METAL CHIP	75	0.50%	1/10W
11002	1 210 0 .1 00	1125,0111	.,,	270	1,10 ,,	R877		METAL CHIP	75		1/10W
R803	1-216-065-91	RES CHIP	4.7K	5%	1/10W	R878		METAL CHIP	75		1/10W
R804	1-216-067-00		5.6K	5%	1/10W	R879		METAL CHIP	75		1/10W
R806		METAL CHIP	75		1/10W	R880		METAL CHIP	75 75		1/10W
R807		METAL CHIP	75 75		1/10W	Rooo	1-200-733-11	WILLIAL CITI	75	0.5070	1/10**
R808	1-216-067-00		5.6K	5%	1/10W	R883	1-208-755-11	METAL CHIP	75	0.50%	1/10W
1000	1-210-007-00	KES,CIIII	3.0K	370	1/10 VV	R884		METAL CHIP	75 75		1/10W 1/10W
R809	1-216-067-00	DES CHID	5.6K	5%	1/10W	R885		METAL CHIP	75 75		1/10W 1/10W
		METAL CHIP	75						470K		
R810					1/10W	R886	1-216-113-00				1/10W
R812	1-216-025-91		100	5%	1/10W	R887	1-216-033-00	кез,спіг	220	5%	1/10W
R814	1-216-067-00		5.6K	5%	1/10W	D001	1 200 755 11	METAL CHID	7.5	0.500/	1 /1 0337
R815	1-216-067-00	KES,CHIP	5.6K	5%	1/10W	R891		METAL CHIP	75 470K		1/10W
D014	1.016.005.61	CHODE	0			R892	1-216-113-00		470K		1/10W
R816	1-216-295-91		0	5 6.	1 /1 0***	R893		METAL CHIP	75 470¥		1/10W
R817	1-216-065-91		4.7K	5%	1/10W	R894	1-216-113-00		470K		1/10W
R818	1-216-049-91		1K	5%	1/10W	R895	1-208-755-11	METAL CHIP	75	0.50%	1/10W
R819	1-216-025-91		100	5%	1/10W						
R820	1-216-067-00	RES,CHIP	5.6K	5%	1/10W	R896	1-216-113-00		470K	5%	1/10W
						R898	1-216-113-00		470K		1/10W
R821	1-216-025-91		100	5%	1/10W	R899	1-216-033-00		220	5%	1/10W
R822	1-216-067-00		5.6K	5%	1/10W	R901	1-216-033-00		220	5%	1/10W
R823	1-216-025-91	RES,CHIP	100	5%	1/10W	R903	1-216-009-91	RES,CHIP	22	5%	1/10W



REF. NO.	PART NO.	DESCRIPTION			REMARK	REF. NO.	PART NO.	DESCRIPTION		ļ	REMARK
R904	1-216-009-91	RES,CHIP	22	5%	1/10W	R1047	1-216-065-91	RES,CHIP	4.7K	5%	1/10W
R905	1-216-073-00	RES,CHIP	10K	5%	1/10W	R1048	1-216-097-91	RES,CHIP	100K	5%	1/10W
R906	1-216-073-00	RES,CHIP	10K	5%	1/10W	R1049	1-216-089-91	RES,CHIP	47K	5%	1/10W
R907	1-216-073-00		10K	5%	1/10W						
R908	1-216-073-00	RES,CHIP	10K	5%	1/10W	R1050	1-216-061-00		3.3K	5%	1/10W
						R1051	1-216-049-91		1K	5%	1/10W
R909	1-216-073-00		10K	5%	1/10W	R1052	1-216-049-91	· · · · · · · · · · · · · · · · · · ·	1K	5%	1/10W
R910	1-216-041-00		470	5%	1/10W	R1053	1-216-083-00	· · · · · · · · · · · · · · · · · · ·	27K	5%	1/10W
R911	1-216-025-91		100	5%	1/10W	R1062	1-216-065-91	RES,CHIP	4.7K	5%	1/10W
R912	1-216-025-91	,	100	5%	1/10W	D1062	1 216 065 01	DEC CIUD	4.717	50/	1 /1 0337
R913	1-216-025-91	RES,CHIP	100	5%	1/10W	R1063 R1064	1-216-065-91	· · · · · · · · · · · · · · · · · · ·	4.7K	5%	1/10W
D014	1-216-025-91	DEC CHID	100	£0/	1/10W	R1064 R1065	1-216-065-91		4.7K 1K	5% 5%	1/10W 1/10W
R914 R1001		METAL CHIP	2.2K	5%	1/10W 1/10W	R1065	1-216-049-91 1-216-049-91	· · · · · · · · · · · · · · · · · · ·	1K 1K	5%	1/10W 1/10W
R1001		METAL CHIP	2.2K 2.2K		1/10W	R1069	1-216-049-91		1K 1K	5%	1/10W 1/10W
R1002		METAL CHIP	2.2K 2.2K		1/10W	K1009	1-210-049-91	KL5,CIII	1 IX	370	1/10 VV
R1003		METAL CHIP	2.2K 2.2K		1/10W	R1071	1-216-073-00	RES CHIP	10K	5%	1/10W
K1004	1-200-790-11	METAL CITI	2.2K	0.5070	1/10 VV	R1071	1-216-049-91		10K	5%	1/10W
R1005	1-208-790-11	METAL CHIP	2.2K	0.50%	1/10W	R1073	1-216-049-91		1K	5%	1/10W
R1005	1-216-033-00		220	5%	1/10W	R1074	1-216-033-00	· · · · · · · · · · · · · · · · · · ·	220	5%	1/10W
R1007		METAL CHIP	1.2K		1/10W	R1075	1-216-033-00		220	5%	1/10W
R1007		METAL CHIP	220		1/10W	11070	1 210 033 00	KLD,CIIII	220	370	1/10**
R1009	1-216-033-00		220	5%	1/10W	R1077	1-216-033-00	RES CHIP	220	5%	1/10W
K1007	1 210 033 00	KL5,CIII	220	370	1/10**	R1077	1-216-049-91		1K	5%	1/10W
R1010	1-208-784-11	METAL CHIP	1.2K	0.50%	1/10W	R1079	1-216-033-00		220	5%	1/10W
R1011		METAL CHIP	220		1/10W	R1081	1-216-037-00	, -	330	5%	1/10W
R1012		METAL CHIP	2.2K		1/10W	R1082	1-216-037-00		330	5%	1/10W
R1013	1-216-053-00		1.5K	5%	1/10W			,		- / -	-,
R1014	1-216-025-91		100	5%	1/10W	R1083	1-216-089-91	RES.CHIP	47K	5%	1/10W
		,			-,	R1084	1-216-065-91		4.7K	5%	1/10W
R1015	1-216-025-91	RES,CHIP	100	5%	1/10W	R1086	1-216-073-00		10K	5%	1/10W
R1016	1-216-025-91		100	5%	1/10W	R1087	1-216-025-91	· · · · · · · · · · · · · · · · · · ·	100	5%	1/10W
R1017	1-216-025-91	RES,CHIP	100	5%	1/10W	R1088	1-216-067-00	RES,CHIP	5.6K	5%	1/10W
R1018	1-216-025-91	RES,CHIP	100	5%	1/10W						
R1019	1-216-025-91		100	5%	1/10W	R1089	1-216-025-91	RES,CHIP	100	5%	1/10W
						R1090	1-208-798-11	METAL CHIP	4.7K	0.50%	1/10W
R1020	1-216-025-91	RES,CHIP	100	5%	1/10W	R1091	1-216-025-91	RES,CHIP	100	5%	1/10W
R1021	1-216-033-00	RES,CHIP	220	5%	1/10W	R1092	1-216-073-00	RES,CHIP	10K	5%	1/10W
R1022	1-208-784-11	METAL CHIP	1.2K	0.50%	1/10W	R1094	1-216-033-00	RES,CHIP	220	5%	1/10W
R1023	1-208-766-11	METAL CHIP	220	0.50%	1/10W						
R1024	1-216-081-00	RES,CHIP	22K	5%	1/10W	R1095	1-216-033-00	RES,CHIP	220	5%	1/10W
						R1096	1-216-067-00	RES,CHIP	5.6K	5%	1/10W
R1025	1-216-025-91		100	5%	1/10W	R1097	1-216-033-00	RES,CHIP	220	5%	1/10W
R1026		METAL CHIP	22K	0.50%	1/10W	R1098	1-216-033-00	· · · · · · · · · · · · · · · · · · ·	220	5%	1/10W
R1027	1-216-025-91		100	5%	1/10W	R1099	1-216-033-00	RES,CHIP	220	5%	1/10W
R1028		METAL CHIP	22K		1/10W						
R1029	1-216-025-91	KES,CHIP	100	5%	1/10W	R1100	1-216-033-00		220	5%	1/10W
						R1101	1-216-025-91	· · · · · · · · · · · · · · · · · · ·	100	5%	1/10W
R1030		METAL CHIP	2.2K		1/10W	R1102	1-216-033-00	, -	220	5%	1/10W
R1031	1-216-025-91		100	5%	1/10W	R1103	1-216-033-00		220	5%	1/10W
R1032	1-216-097-91		100K	5%	1/10W	R1104	1-216-049-91	RES,CHIP	1K	5%	1/10W
R1033	1-216-025-91		100	5%	1/10W	D1105	1 216 022 00	DEC CIUD	220	50/	1 /1 0337
R1034	1-216-057-00	RES,CHIP	2.2K	5%	1/10W	R1105	1-216-033-00	,	220	5%	1/10W
D1025	1 216 025 01	DEC CHID	100	50/	1 /1 0337	R1106	1-216-033-00		220	5%	1/10W
R1035	1-216-025-91		100	5%	1/10W	R1107	1-216-049-91	· · · · · · · · · · · · · · · · · · ·	1K	5%	1/10W
R1036	1-216-009-91		22	5%	1/10W	R1108	1-216-025-91		100	5%	1/10W
R1037 R1038		METAL CHIP	330		1/10W	R1109	1-216-295-91	PUOUS	0		
	1-216-025-91		100	5% 5%	1/10W	D1110	1-216-033-00	DEC CHID	220	50/-	1/10W
R1039	1-216-025-91	кез,спіг	100	J 70	1/10W	R1110 R1111	1-216-033-00	· · · · · · · · · · · · · · · · · · ·	220	5% 5%	1/10W 1/10W
D1040	1 216 025 01	DEC CHID	100	50%	1/1007		1-216-033-00				
R1040 R1041	1-216-025-91 1-216-295-91		100 0	5%	1/10W	R1112 R1113	1-216-065-91	· · · · · · · · · · · · · · · · · · ·	4.7K 1K	5% 5%	1/10W 1/10W
R1041 R1042	1-216-293-91		100K	5%	1/10W	R1113	1-216-049-91		1K 1K	5%	1/10W 1/10W
R1042	1-216-025-91		100K	5%	1/10W 1/10W	1/1114	1-210-047-71	KLS,CIII	117	5/0	1/10 **
R1043 R1044		METAL CHIP	2.2K		1/10W 1/10W	R1115	1-216-033-00	RES CHIP	220	5%	1/10W
111077	1 200 / 70-11	THE TABLE CITIE	2.211	0.50/0	1/10 **	R1116	1-216-049-91		1K	5%	1/10W
R1045	1-216-033-00	RES.CHIP	220	5%	1/10W	R1117	1-216-041-00		470	5%	1/10W
R1046	1-216-073-00		10K	5%	1/10W	R1118	1-216-049-91	· · · · · · · · · · · · · · · · · · ·	1K	5%	1/10W
		*				-		*		•	



R1119												
R1120 1216-049-91 RES.CHIP 1K 5% 1710W R1310 1216-29-91 RES.CHIP 100 5% 1710W R1311 1216-049-91 RES.CHIP 47% 5% 1710W R1310 1216-29-91 RES.CHIP 47% 5% 1710W R1310 1216-03-90 RES.CHIP 100 5% 1710W R1311 1216-04-90 RES.CHIP 100 5% 1710W R1311 1216-03-90 RES.CHIP 100 5% 1710W R13	REF. NO.	PART NO.	DESCRIPTION			REMARK	REF. NO.	PART NO.	DESCRIPTION		R	REMARK
R1120 1216-049-91 RES.CHIP 1K 5% 1710W R1310 1216-29-91 RES.CHIP 100 5% 1710W R1311 1216-049-91 RES.CHIP 47% 5% 1710W R1310 1216-29-91 RES.CHIP 47% 5% 1710W R1310 1216-03-90 RES.CHIP 100 5% 1710W R1311 1216-04-90 RES.CHIP 100 5% 1710W R1311 1216-03-90 RES.CHIP 100 5% 1710W R13	R1119	1-216-049-91	RES CHIP	1K	5%	1/10W	R1307	1-208-766-11	METAL CHIP	220	0.50%	1/10W
R1120 12-16-09-91 RESCHIP IK 5% 1/10W R130 12-16-02-91 RESCHIP 470 5% 1/10W R131 12-16-04-90 RESCHIP 470 5% 1/10W R134 12-18-8/6-611 METAL CHIP 220 0.59% 1/10W R134 12-18-8/6-611 METAL CHIP 220 0.59% 1/10W R134 12-18-6/3-30 RESCHIP 100 5% 1/10W R134 12-18-6/3-61 METAL CHIP 220 0.59% 1/10W R134 12-16-04-91 RESCHIP 100 5% 1/10W R134 12-16-04-91 RESCHIP 100 5% 1/10W R134 12-16-04-91 RESCHIP 100 5% 1/10W R135 12-16-03-30 RESCHIP 220 5% 1/10W R135 12-16-05-91 RESCHIP 100 5% 1/10W R135 12-16-03-30 RESCHIP 220 5% 1/10W R139 12-16-05-91 RESCHIP 100 5% 1/10W R139 12-16-03-30 RESCHIP 220 5% 1/10W R132 12-16-05-91 RESCHIP 100 5% 1/10W R139 12-16-05-91 RESCHIP 100 5% 1/10W R131 12-16-03-30 RESCHIP 220 5% 1/10W R132 12-16-05-91 RESCHIP 100 5% 1/10W R134 12-16-03-91 RESCHIP 100 5% 1/10W R135	111117	1 210 0 . , , , 1	1125,0111		2,0	1, 10 , ,						1/10W
RI122 12-16-04-99 RESCHIP 1K	R1120	1-216-049-91	RES.CHIP	1K	5%	1/10W			,			1/10W
R1124 12-16-04-99 RISCHIP 47K 5% 1/10W R1125 12-16-049-91 RISCHIP 100K 5% 1/10W R1125 12-16-05-70 RISCHIP 2.2K 5% 1/10W R1131 12-16-05-70 RISCHIP 2.2K 2.2K 5% 1/10W R1131 12-16-05-70 RISCHIP 2.2K			,									
R1125 1-216-039-91 RES.CHIP 100 5% 1/10W R1312 1-216-037-00 RES.CHIP 220 0.50% 1/10W R1313 1-216-039-10 RES.CHIP 220 0.50% 1/10W R1314 1-216-039-91 RES.CHIP 100 5% 1/10W R1315 1-216-039-91 RES.CHIP 100 5% 1/10W R1315 1-216-039-91 RES.CHIP 100 5% 1/10W R1315 1-216-039-91 RES.CHIP 100 5% 1/10W R1316 1-216-030-90 RES.CHIP 220 5% 1/10W R1316 1-216-030-91 RES.CHIP 220 5% 1/10W R1316 1-216-030-91 RES.CHIP 220 5% 1/10W R1320 1-216-030-91 RES.CHIP 100 5% 1/10W R1319 1-216-030-91 RES.CHIP 220 5% 1/10W R1321 1-216-030-91 RES.CHIP 100 5% 1/10W R1319 1-216-030-91 RES.CHIP 220 5% 1/10W R1321 1-216-030-91 RES.CHIP 100 5% 1/10W R1331 1-216-030-91 R											5%	1/10W
R1126 1-216-02-59 RES.CHIP 100 5% 1/10W R1312 1-216-02-50 RES.CHIP 220 0.50% 1/10W R1313 1-216-02-50 RES.CHIP 220 0.50% 1/10W R1314 1-208-76-61 METAL.CHIP 220 0.50% 1/10W R1315 1-216-02-59 RES.CHIP 100 5% 1/10W R1315 1-216-03-50 RES.CHIP 100 5% 1/10W R1315 1-216-03-50 RES.CHIP 220 5% 1/10W R1320 1-216-02-59 RES.CHIP 100 5% 1/10W R1316 1-216-03-50 RES.CHIP 220 5% 1/10W R1320 1-216-02-59 RES.CHIP 100 5% 1/10W R1320 1-216-03-50 RES.CHIP 220 5% 1/10W R1320 1-216-02-59 RES.CHIP 100 5% 1/10W R1320 1-216-03-50 RES.CHIP 220 5% 1/10W R1320 1-216-02-59 RES.CHIP 100 5% 1/10W R1320 1-216-03-50 RES.CHIP 220 5% 1/10W R1320 1-216-03-50 RES.CHIP 220 5% 1/10W R1320 1-216-03-50 RES.CHIP 100 5% 1/10W R1320 1-216-03-50 RES.CHIP 220 5% 1/10W R1320 1-216-03-50 RES.CHIP 100 5% 1/10W R1330 1-216-03-50 RES.CHIP 100 5% 1/10W R1330 1-216-03-59 RES.CHIP 100 5% 1/10W R1330			*				111011	1 210 0 .1 00	1125,0111	.,,	270	1,10
R1126 1-216-035-91 RES.CHIP 100 5% 1/10W R1314 1-216-035-91 RES.CHIP 100 5% 1/10W R1315 1-216-035-91 RES.CHIP 100 5% 1/10W R1315 1-216-035-91 RES.CHIP 100 5% 1/10W R1315 1-216-035-91 RES.CHIP 100 5% 1/10W R1316 1-216-035-91 RES.CHIP 220 5% 1/10W R1317 1-216-035-91 RES.CHIP 230 5% 1/10W R1319 1-216-035-91 RES.CHIP 220 5% 1/10W R1320 1-216-035-91 RES.CHIP 100 5% 1/10W R1319 1-216-035-91 RES.CHIP 220 5% 1/10W R1321 1-216-035-91 RES.CHIP 220 5% 1/10W R1321 1-216-035-91 RES.CHIP 100 5% 1/10W R1321 1-216-035-91 RES.CHIP 220 5% 1/10W R1321 1-216-035-91 RES.CHIP 220 5% 1/10W R1321 1-216-035-91 RES.CHIP 220 5% 1/10W R1322 1-216-035-91 RES.CHIP 30 5% 1/10W R1321 1-216-035-91 RES.CHIP 100 5%							R1312	1-216-057-00	RES CHIP	2.2K	5%	1/10W
R1136	111125	1 210 0)/)1	RES,CIII	10011	570	1/10//						
R1131 1-216-049-91 RES,CHIP 100 5% 1/10W R1131 1-216-049-91 RES,CHIP 100 5% 1/10W R1133 1-216-049-91 RES,CHIP 100 5% 1/10W R1134 1-216-049-91 RES,CHIP 100 5% 1/10W R1135 1-216-035-91 RES,CHIP 100 5% 1/10W R1136 1-216-035-90 RES,CHIP 200 5% 1/10W R1136 1-216-035-90 RES,CHIP 200 5% 1/10W R1330 1-216-035-91 RES,CHIP 100 5% 1/10W R1331 1-216-035-90 RES,CHIP 100 5% 1/10W R1331 1-216-035-90 RES,CHIP 100 5% 1/10W R1331 1-216-035-90 RES,CHIP 100 5% 1/10W R1332 1-216-035-90 RES,CHIP 100 5% 1/10W R1334 1-216-035-90 RES,CHIP 100 5% 1/10W R1334 1-216-035-90 RES,CHIP 200 5% 1/10W R1334 1-216-035-90 RES,CHIP 200 5% 1/10W R1334 1-216-035-90 RES,CHIP 100 5% 1/10W R1334 1-216-035-90 RES,CHIP 200 5% 1/10W R1335 1-216-049-90 RES,CHIP 100 5% 1/10W R1334 1-216-049-90 RES,CHIP 100 5% 1/10W R1335 1-216-049-90 RES,CHI	R1126	1-216-025-91	RES CHIP	100	5%	1/10W						
R1131 1-216-049-99 RES.CHIP 1K 5% 1/10W												1/10W
R1134 1-216-049-91 RES.CHIP 10 5% 1/10W 13131 1-216-061-00 RES.CHIP 3.3K 5% 1/10W 13131 1-216-061-00 RES.CHIP 3.3K 5% 1/10W 13131 1-216-035-91 RES.CHIP 100 5% 1/10W 13132 1-216-035-91 RES.CHIP 100 5% 1/10W 13132 1-216-035-91 RES.CHIP 100 5% 1/10W 13134 1-216-035-91 RES.CHIP 200 5% 1/10W 13132 1-216-035-91 RES.CHIP 300 5% 1/10W 13134 1-216-035-91 RES.CHIP 200 5% 1/10W RI325 1-216-111-00 RES.CHIP 300 5% 1/10W RI334 1-216-035-91 RES.CHIP 200 5% 1/10W RI325 1-216-111-00 RES.CHIP 300 5% 1/10W RI334 1-216-035-91 RES.CHIP 200 5% 1/10W RI325 1-216-011-00 RES.CHIP 3.3K 5% 1/10W RI326 1-216-035-91 RES.CHIP 100 5% 1/10W RI335 1-216-049-91 RES.C			,-						,			1/10W
R1141 1-216-049-91 RES,CHIP 100 5% 170			· · · · · · · · · · · · · · · · · · ·				K1310	1-210-025-71	KL5,CIII	100	370	1/10 **
R1155 1-216-033-00 RES.CHIP 220 5% 1/10W R1320 1-216-025-91 RES.CHIP 100 5% 1/10W R1320 1-216-037-00 RES.CHIP 100 5% 1/10W R1320 1-216-035-91 RES.CHIP 100 5% 1/10W R132							R1317	1-216-025-91	RES CHIP	100	5%	1/10W
R1156 1-216-033-00 RES.CHIP 220 5% 1/10W R1321 1-216-037-00 RES.CHIP 100 5% 1/10W R137 1-216-037-00 RES.CHIP 100 5% 1/10W R137 1-216-037-00 RES.CHIP 100 5% 1/10W R138 1-216-033-00 RES.CHIP 220 5% 1/10W R1322 1-216-037-00 RES.CHIP 300 5% 1/10W R1320 1-216-037-00 RES.CHIP 300 5% 1/10W R1330 1-216-037-00 RES.CHIP 100 5% 1/10W R1330 1-216-037-00 RES.CHIP 100 5% 1/10W R1330 1-216-037-00 RES.CHIP 100 5% 1/10W R1331	K1154	1 210 047 71	KL5,CIII	110	570	1/10 **						1/10W
R1136 1-216-03-30 RESCHIP 220 5% 1/10W R132 1-216-025-91 RESCHIP 100 5% 1/10W R133 1-216-033-00 RESCHIP 220 5% 1/10W R132 1-216-03-70 RESCHIP 100 5% 1/10W R132 1-216-03-70 RESCHIP 30 5% 1/10W R133 1-216-03-70 RESCHIP 30 5% 1/10W R133 1-216-03-70 RESCHIP 30 5% 1/10W R133 1-216-03-70 RESCHIP 100 5% 1/10W R133 1-216-03-70	R1135	1-216-033-00	RES CHIP	220	5%	1/10W						1/10W
R1159 1-216-033-00 RES.CHIP 220 5% 1/10W R1323 1-216-025-91 RES.CHIP 30 5% 1/10W R1324 1-216-033-00 RES.CHIP 30 5% 1/10W R1323 1-216-037-00 RES.CHIP 30 5% 1/10W R1324 1-216-037-00 RES.CHIP 30 5% 1/10W R1326 1-216-025-91 RES.CHIP 30 5% 1/10W R1327 1-216-033-00 RES.CHIP 30 5% 1/10W R1326 1-216-025-91 RES.CHIP 30 5% 1/10W R1327 1-216-035-90 RES.CHIP 100 5% 1/10W R1328 1-216-025-91 RES.CHIP 100 5% 1/10W R1323 1-216-025-91 RES.CHIP 100 5% 1/10W R1334 1-216-025-91 RES.CHIP 100 5% 1/10W R1334 1-216-049-91 RES.CHIP 100 5% 1/10W R1335 1-216-025-91 RES.CHIP 100 5% 1/10W R1335 1-216-025-91 RES.CHIP 100 5% 1/10W R1335 1-216-049-91 RES.CHIP 100 5% 1/10W R1338 1-216-049-91 R												1/10W
R1138 1-216-033-00 RES,CHIP 220 5% 1/10W R1322 1-216-025-91 RES,CHIP 300 5% 1/10 R144 1-216-033-00 RES,CHIP 220 5% 1/10W R1325 1-216-111-00 RES,CHIP 300 5% 1/10 R144 1-216-033-00 RES,CHIP 220 5% 1/10W R1325 1-216-111-00 RES,CHIP 390K 5% 1/10 R144 1-216-033-00 RES,CHIP 220 5% 1/10W R1325 1-216-111-00 RES,CHIP 390K 5% 1/10 R144 1-216-033-00 RES,CHIP 220 5% 1/10W R1325 1-216-015-91 RES,CHIP 100 5% 1/10 R145 1-216-033-00 RES,CHIP 220 5% 1/10W R1325 1-216-015-91 RES,CHIP 100 5% 1/10 R145 1-216-033-00 RES,CHIP 220 5% 1/10W R1325 1-216-025-91 RES,CHIP 100 5% 1/10 R146 1-216-049-91 RES,CHIP 100 5% 1/10W R1325 1-216-049-91 RES,CHIP 100 5% 1/10 R146 1-216-049-91 RES,CHIP 100 5% 1/10W R1326 1-216-049-91 RES,CHIP 100 5% 1/10W R1329 1-216-049-91 RES,CHIP 100 5% 1/10W R1329 1-216-049-91 RES,CHIP 100 5% 1/10W R1331 1-216-025-91 RES,CHIP 100 5% 1/10 R146 1-216-049-91 RES,CHIP 100 5% 1/10W R1331 1-216-049-91 RES,CHIP 100 5% 1/10W R1331 1-216-025-91 RES,CHIP 100 5% 1/10W R1351 1-216-033-00 RES,CHIP 20 5% 1/10W R1351 1-216-049-91 RES,CHIP 100 5% 1/10W R1351 1-216-0			,									1/10W
R1139							K1321	1-210-023-91	KES,CIIII	100	370	1/10 W
R1140 -216-033-00 RES.CHIP 220 5% 1/10W R1324 -1216-049-91 RES.CHIP 1K 5% 1/10W R1325 -1216-111-00 RES.CHIP 300 5% 1/10W R1142 -1216-033-00 RES.CHIP 220 5% 1/10W R1326 -216-025-91 RES.CHIP 300K 5% 1/10W R1143 -1216-033-00 RES.CHIP 220 5% 1/10W R1326 -216-025-91 RES.CHIP 300K 5% 1/10W R1144 -1216-035-00 RES.CHIP 220 5% 1/10W R1328 -216-025-91 RES.CHIP 100 5% 1/10W R1327 -1216-031-00 RES.CHIP 100 5% 1/10W R1327 -1216-035-91 RES.CHIP 100 5% 1/10W R1341 -1216-035-90 RES.CHIP 100 5% 1/10W R1331 -1216-025-91 RES.CHIP 100 5% 1/10W R1331 -1216-035-91 RES.CHIP 100 5% 1/10W R1333 -1216-025-91 RES.CHIP 100 5% 1/10W R1331 -1216-035-91 RES.CHIP 100 5% 1/10W R1333 -1216-035-91 RES.CHIP 100 5% 1/10W R1351 -1216-033-91 RES.CHIP 100 5% 1/10W R1333 -1216-035-91 RES.CHIP 100 5% 1/10W R133 -1216-035-91 RES.CHIP 100 5% 1/10W R1351			*				D1222	1 216 025 01	DEC CHID	100	50/	1/10W/
R1140	K1139	1-210-033-00	кез,спіг	220	370	1/10 VV						
R1141 1-216-049-91 RES.CHIP 1K 5% 1/10W R1326 1-216-025-91 RES.CHIP 390K 5% 1/10W R1343 1-216-033-00 RES.CHIP 220 5% 1/10W R1326 1-216-025-91 RES.CHIP 100 5% 1/10W R1326 1-216-025-91 RES.CHIP 100 5% 1/10W R1326 1-216-025-91 RES.CHIP 100 5% 1/10W R1327 1-216-040-91 RES.CHIP 100 5% 1/10W R1329 1-216-049-91 RES.CHIP 100 5% 1/10W R1333 1-216-049-91 RES.CHIP 100 5% 1/10W R1333 1-216-049-91 RES.CHIP 100 5% 1/10W R1333 1-216-049-91 RES.CHIP 100 5% 1/10W R1335 1-216-049-91 RES.CHIP 100 5% 1/10W R1339 1-216-049-91 RES.CHIP 100 5% 1/10W R1339 1-216-049-91 RES.CHIP 100 5% 1/10W R1341 1-216-049-91 RES.CHI	D1140	1 216 022 00	DEC CHID	220	50/	1/10337			,			
R1142 1-216-033-00 RES,CHIP 220 5% 1/10W R1327 1-216-025-91 RES,CHIP 100 5% 1/10W R1341 1-216-065-91 RES,CHIP 220 5% 1/10W R1328 1-216-025-91 RES,CHIP 100 5% 1/10W R1341 1-216-049-91 RES,CHIP 100 5% 1/10W R1341 1-216-059-91 RES,CHIP 100 5% 1/10W R1341 1-216-049-91 RES,CHIP 100 5% 1/10W R1341 1-216-059-91 RES,CHIP 100 5% 1/10W R1351 1-216-059-91 RES,CHIP 100 5% 1/												
R1144 1-216-035-00 RES,CHIP 220 5% 1/10W R1327 1-216-061-00 RES,CHIP 3.3K 5% 1/10W R1328 1-216-025-91 RES,CHIP 100 5% 1/10W R1328 1-216-025-91 RES,CHIP 100 5% 1/10W R1328 1-216-025-91 RES,CHIP 100 5% 1/10W R1329 1-216-049-91 RES,CHIP 100 5% 1/10W R1329 1-216-049-91 RES,CHIP 100 5% 1/10W R1331 1-216-025-91 RES,CHIP 100 5% 1/10W R1331 1-216-025-91 RES,CHIP 100 5% 1/10W R1331 1-216-025-91 RES,CHIP 100 5% 1/10W R1332 1-216-035-91 RES,CHIP 100 5% 1/10W R1333 1-216-049-91 RES,CHIP 100 5% 1/10W R1334 1-216-049-91 RES,CHIP 100 5% 1/10W R1335 1-216-049-91 RES,CHIP 100 5% 1/10W R1339 1-216-049-91 RES,CHIP 100 5% 1/10W R1339 1-216-049-91 RES,CHIP 100 5% 1/10W R1341 1-216-049-91 RES,CH			,									
R1144			,				K1320	1-210-025-91	KES,CHIP	100	5%	1/10W
R1145 1-216-033-00 RES,CHIP 100 5% 1/10W 1/30W 1-216-025-91 RES,CHIP 100 5% 1/10W 1/30W 1/							D1227	1 216 061 00	DEC CHID	2.21/	5 0/	1/10337
R1145	K1144	1-216-065-91	RES,CHIP	4./K	5%	1/10W						
R1146 1-216-049-91 RES,CHIP 1K 5% 1/10W R1331 1-216-025-91 RES,CHIP 100 5% 1/10 R1148 1-216-033-00 RES,CHIP 220 5% 1/10W R1331 1-216-025-91 RES,CHIP 100 5% 1/10 R1148 1-216-033-00 RES,CHIP 220 5% 1/10W R1332 1-216-025-91 RES,CHIP 100 5% 1/10 R1150 1-216-025-91 RES,CHIP 100 5% 1/10W R1334 1-216-049-91 RES,CHIP 1K 5% 1/10W R1331 1-216-035-91 RES,CHIP 1K 5% 1/10W R1351 1-216-035-91 RES,CHIP 1K 5% 1/10W R1351 1-216-035-91 RES,CHIP 100 5% 1/10W R1351 1-216-035-91 RES,CHIP 100 5% 1/10W R1353 1-216-049-91 RES,CHIP 1K 5% 1/10W R1353 1-216-049-91 RES,CHIP 100K 5% 1/10W R1353 1-216-049-91 RES,CHIP 100K 5% 1/10W R1351 1-216-035-91 RES,CHIP 100K 5% 1/10W R1351 1-216-035-91 RES,CHIP 100K 5% 1/10W R1351 1-216-035-91 RES,CHIP 100K 5% 1/10W R1351 1-216-049-91 RES,CHIP 10 R1515 1-216-049-91 RES,CHIP 10 R1515 1-216-049-91 RES,CHIP 10 R1515 1-216-049-91 RES,CHIP 1K 5% 1/10W R1341 1-216-025-91 RES,CHIP 10 R1515 1-216-049-91 RES,CHIP 20 5% 1/10W R1341 1-216-025-91 RES,CHIP 10 5% 1/10W R1351 1-216-049-91 RES,CHIP 10 0 5% 1/10W R1351 1-216-049-91 RES,CHIP 10 0 5% 1/10W R1351 1-216-049-91 RES,CHIP 10 0 5% 1/10W R1351 1-216-033-00 RES,CHIP 20 5% 1/10W R1351 1-216-073-00 RES,CHIP 15K 5% 1/10W R1361 1-216-033-00 RES,CHIP 10 0 5% 1/10W R1361 1-216-025-91 RES,CHIP 10 0 5% 1/10W R1361 1-216-035-00 RES,CHIP 20 5% 1/10W R1361 1-216-035-00 RES,CHIP 20 5% 1/10W R1361 1-216-035-00 RES,CHIP 10 0 5% 1/10W R1361 1-216-035-00 RES,C	D1145	1 21 6 022 00	DEC CHID	220	50/	1/10337			,			
R1147 1-216-025-91 RES,CHIP 100 5% 1/10W R1331 1-216-025-91 RES,CHIP 100 5% 1/10W R1332 1-216-025-91 RES,CHIP 100 5% 1/10W R1333 1-216-049-91 RES,CHIP 100 5% 1/10W R1333 1-216-049-91 RES,CHIP 100 5% 1/10W R1334 1-216-049-91 RES,CHIP 100 5% 1/10W R1335 1-216-049-91 RES,CHIP 100 5% 1/10W R1336 1-216-049-91 RES,CHIP 100 5% 1/10W R1341 1-216-049-91 RES,CHIP 100 5% 1/10W R1341 1-216-033-00 RES,CHIP 200 5% 1/10W R1341 1-216-033-00 RES,CHIP 100 5% 1/10W R1341 1-216-049-91 RES,CHIP 100 5% 1/10W R1341 1-216-049-91 RES,CHIP 100 5% 1/10W R1349 1-216-049-91 RES,CHIP 100 5% 1/10W R1349 1-216-033-00 RES,CHIP 15K 5% 1/10W R1361 1-216-033-00 RES,CHIP 100 5% 1/10W R1354 1-216-033-00 RES,CHIP 15K 5% 1/10W R1361 1-216-033-00 RES,CHIP 100 5% 1/10W R1354 1-216-033-00 RES,CHIP 15K 5% 1/10W R1354 1-216-053-91 RES,CHIP 15K 5% 1/10W R1361 1-216-033-00 RES,CHIP 15K 5% 1/10W R1363 1-216-053-91 RES,CHI												
R1148 1-216-033-00 RES,CHIP 220 5% 1/10W R1332 1-216-025-91 RES,CHIP 100 5% 1/10W R1333 1-216-043-91 RES,CHIP 560 5% 1/10W R1353 1-216-043-91 RES,CHIP 1K 5% 1/10W R1353 1-216-049-91 RES,CHIP 1K 5% 1/10W R1354 1-216-097-91 RES,CHIP 100 5% 1/10W R1354 1-216-097-91 RES,CHIP 100 5% 1/10W R1354 1-216-032-91 RES,CHIP 100 5% 1/10W R1354 1-216-033-00 RES,CHIP 220 5% 1/10W R1341 1-216-032-91 RES,CHIP 15K 5% 1/10W R1354 1-216-034-99 RES,CHIP 1K 5% 1/10W R1341 1-216-049-91 RES,CHIP 1K 5% 1/10W R1341 1-216-037-00 RES,CHIP 15K 5% 1/10W R1354 1-216-037-00 RES,CHIP 15K 5% 1/10W R1354 1-216-037-00 RES,CHIP 15K 5% 1/10W R1354 1-216-037-00 RES,CHIP 15K 5% 1/10W R1355 1-216-033-00 RES,CHIP 15K 5% 1/10W R1356 1-216-033-00 RES,CHIP 15K 5% 1/10W R1356 1-216-033-00 RES,CHIP 100 5			,						*			1/10W
R1149			*				R1331	1-216-025-91	RES,CHIP	100	5%	1/10W
R1150 1-216-025-91 RES,CHIP 100 5% 1/10W R1334 1-216-043-91 RES,CHIP 1K 5% 1/10W R1151 1-216-035-91 RES,CHIP 220 5% 1/10W R1335 1-216-049-91 RES,CHIP 1K 5% 1/10W R1351 1-216-025-91 RES,CHIP 100 5% 1/10W R1353 1-216-025-91 RES,CHIP 100 5% 1/10W R1353 1-216-025-91 RES,CHIP 100 5% 1/10W R1353 1-216-025-91 RES,CHIP 100 5% 1/10W R1354 1-216-025-91 RES,CHIP 100 5% 1/10W R1355 1-216-035-91 RES,CHIP 100 5% 1/10W R1355 1-216-035-91 RES,CHIP 100 5% 1/10W R1355 1-216-035-91 RES,CHIP 100 5% 1/10W R1355 1-216-033-00 RES,CHIP 220 5% 1/10W R1341 1-216-025-91 RES,CHIP 100 5% 1/10W R1355 1-216-033-00 RES,CHIP 220 5% 1/10W R1355 1-216-071-00 RES,CHIP 8.2K 5% 1/10W R1356 1-216-033-00 RES,CHIP 220 5% 1/10W R1358 1-216-077-91 RES,CHIP 15K 5% 1/10W R1351 1-216-077-91 RES,CHIP 100 5% 1/10W R1351 1-216-057-91 RES,CHIP 100 5% 1/10W R1351 1-216-057-91 RES,CHIP 100 5% 1/10W R1351 1-216-025-91 RES,CHIP 100 5% 1/1							D.1000		DEG GIVE	100	= 0.	4 (4.0777
R1150	R1149	1-216-049-91	RES,CHIP	1K	5%	1/10W						1/10W
R1151 1-216-033-00 RES,CHIP 100 5% 1/10W R1337 1-216-049-91 RES,CHIP 100 5% 1/10W R1337 1-216-025-91 RES,CHIP 100 5% 1/10W R1337 1-216-025-91 RES,CHIP 100 5% 1/10W R1338 1-216-025-91 RES,CHIP 100 5% 1/10W R1338 1-216-025-91 RES,CHIP 100 5% 1/10W R1339 1-216-025-91 RES,CHIP 100 5% 1/10W R1339 1-216-025-91 RES,CHIP 100 5% 1/10W R1339 1-216-025-91 RES,CHIP 100 5% 1/10W R1341 1-216-025-91 RES,CHIP 100 5% 1/10W R1341 1-216-025-91 RES,CHIP 100 5% 1/10W R1341 1-216-025-91 RES,CHIP 8.2K 5% 1/10W R1345 1-216-071-00 RES,CHIP 8.2K 5% 1/10W R1345 1-216-071-00 RES,CHIP 8.2K 5% 1/10W R1345 1-216-071-00 RES,CHIP 8.2K 5% 1/10W R1345 1-216-073-00 RES,CHIP 15K 5% 1/10W R1349 1-216-073-00 RES,CHIP 15K 5% 1/10W R1349 1-216-033-00 RES,CHIP 15K 5% 1/10W R1349 1-216-033-00 RES,CHIP 10K 5% 1/10W R1349 1-216-033-00 RES,CHIP 10K 5% 1/10W R1349 1-216-033-00 RES,CHIP 10K 5% 1/10W R1350 1-216-033-00 RES,CHIP 4.7K 55% 1/10W R1355 1-216-025-91 RES,CHIP 100 5% 1/10W R1354 1-216-025-91 RES,CHIP 100 5% 1/10W R1356 1-216-025-91 RES,CHIP 100 5% 1/10W R1357 1-216-025-91 RES,CHIP 100 55% 1/10W R1357 1-216-025-91 RES,CHIP 100 55% 1/10W R1351									,			1/10W
R1152 1-216-025-91 RES,CHIP 100 5% 1/10W R1337 1-216-025-91 RES,CHIP 100 5% 1/10 R1153 1-216-097-91 RES,CHIP 100K 5% 1/10W R1338 1-216-025-91 RES,CHIP 100 5% 1/10 R1155 1-216-049-91 RES,CHIP 1 K 5% 1/10W R1339 1-216-055-91 RES,CHIP 100 5% 1/10 R1155 1-216-049-91 RES,CHIP 220 5% 1/10W R1341 1-216-071-00 RES,CHIP 8.2K 5% 1/10W R1345 1-216-049-91 RES,CHIP 1 K 5% 1/10W R1345 1-216-071-00 RES,CHIP 1 K 5% 1/10W R1349 1-216-073-00 RES,CHIP 1 K 5% 1/10W R1349 1-216-065-91 RES,CHIP 1 K 5% 1/10W R1350 1-216-05-91 RES,CHIP 1 K 5% 1/10W R1354 1-216-05-91 RES,CHIP 1 K 5% 1/10W R1354 1-216-05-91 RES,CHIP 1 K 5% 1/10W R1354 1-216-05-91 RES,CHIP 1 K 5% 1/10W R1356 1-216-05-91 RES,CHIP 1 K 5% 1/10W R1356 1-216-05-91 RES,CHIP 1 K 5% 1/10W R1356 1-216-05-91 RES,CHIP 1 M 5% 1/10W R1356 1-216-05-91 RES,CHIP 2 L R S,CHIP 1 R S,CH												1/10W
R1153 1-216-097-91 RES,CHIP 100K 5% 1/10W R1338 1-216-025-91 RES,CHIP 100 5% 1/10 R1154 1-216-037-91 RES,CHIP 100K 5% 1/10W R1339 1-216-065-91 RES,CHIP 4.7K 5% 1/10 R1155 1-216-049-91 RES,CHIP 1K 5% 1/10W R1341 1-216-025-91 RES,CHIP 8.2K 5% 1/10 R1156 1-216-033-00 RES,CHIP 1K 5% 1/10W R1342 1-216-071-00 RES,CHIP 8.2K 5% 1/10 R1157 1-216-049-91 RES,CHIP 1K 5% 1/10W R1345 1-216-077-91 RES,CHIP 15K 5% 1/10W R1345 1-216-073-00 RES,CHIP 15K 5% 1/10W R1345 1-216-073-00 RES,CHIP 15K 5% 1/10W R1349 1-216-033-00 RES,CHIP 15K 5% 1/10W R1349 1-216-053-00 RES,CHIP 1.5K 5% 1/10W R1349 1-216-053-00 RES,CHIP 1.5K 5% 1/10W R1349 1-216-053-00 RES,CHIP 1.5K 5% 1/10W R1361 1-216-025-91 RES,CHIP 100 5% 1/10W R1350 1-216-055-91 RES,CHIP 4.7K 5% 1/10 R1162 1-216-033-00 RES,CHIP 100 5% 1/10W R1352 1-216-055-91 RES,CHIP 4.7K 5% 1/10 R1164 1-216-033-00 RES,CHIP 220 5% 1/10W R1354 1-216-025-91 RES,CHIP 100 5% 1/10W R1354 1-216-025-91 RES,CHIP 100 5% 1/10W R1354 1-216-025-91 RES,CHIP 100 5% 1/10W R1355 1-216-025-91 RES,CHIP 100 5% 1/10W R1356 1-216-025-91 RES,CHIP 100 5% 1/10W R1356 1-216-025-91 RES,CHIP 100 5% 1/10W R1356 1-216-025-91 RES,CHIP 100 5% 1/10 R1167 1-216-019-91 RES,CHIP 100 5% 1/10W R1358 1-216-025-91 RES,CHIP 100 5% 1/10 R1167 1-216-019-91 RES,CHIP 100 5% 1/10W R1358 1-216-025-91 RES,CHIP 100 5% 1/10 R1167 1-216-019-91 RES,CHIP 100 5% 1/10W R1358 1-216-025-91 RES,CHIP 100 5% 1/10 R1167 1-216-019-91 RES,CHIP 100 5% 1/10W R1358 1-216-025-91 RES,CHIP 100 5% 1/10 R1167 1-216-019-91 RES,CHIP 100 5% 1/10W R1368 1-216-025-91 RES,CHIP 22K 5% 1/10 R1168 1-208-788-11 METAL CHIP 1.8K 0.50% 1/10W R1368 1-216-057-00 RES,CHIP 2.2K 5% 1/10 R1185 1-208-788-11 METAL CHIP 1.8K 0.50% 1/10W R1368 1-216-057-00 RES,CHIP 2.2K 5% 1/10 R1185 1-208-788-11 METAL CHIP 20 0.50% 1/10W R1369 1-216-057-00 RES,CHIP 2.2K 5% 1/10 R1185 1-208-788-11 METAL CHIP 20 0.50% 1/10W R1369 1-216-057-00 RES,CHIP 2.2K 5% 1/10 R1185 1-208-788-11 METAL CHIP 20 0.50% 1/10W R1371 1-216-065-91 RES,CHIP 2.2K 5% 1/10 R1300 1-216-057-00 RES,CHIP 2.2K 5% 1/10 R1300 1-216-057-00			,						,			1/10W
R1154 1-216-097-91 RES,CHIP 100K 5% 1/10W R1338 1-216-025-91 RES,CHIP 100 5% 1/10W R1353 1-216-025-91 RES,CHIP 4.7K 5% 1/10W R1356 1-216-033-00 RES,CHIP 220 5% 1/10W R1342 1-216-071-00 RES,CHIP 15K 5% 1/10W R1345 1-216-071-00 RES,CHIP 15K 5% 1/10W R1349 1-216-071-00 RES,CHIP 15K 5% 1/10W R1349 1-216-071-00 RES,CHIP 10K 5% 1/10W R1349 1-216-071-00 RES,CHIP 10K 5% 1/10W R1349 1-216-071-00 RES,CHIP 1.5K 5% 1/10W R1349 1-216-071-00 RES,CHIP 1.5K 5% 1/10W R1350 1-216-0051-01 RES,CHIP 1.5K 5% 1/10W R1350 1-216-0051-01 RES,CHIP 4.7K 5% 1/10W R1350 1-216-0051-01 RES,CHIP 100 5% 1/10W R1351 1-216-0051-00 RES,CHIP 1.5K 0.50% 1/10W R1360 1-216-0051-00 RES,CHIP 2.2K 5% 1/10W R1361 1-216-0051-00 RES,CHIP 2.2K 5			*				R1337	1-216-025-91	RES,CHIP	100	5%	1/10W
R1155 1-216-049-91 RES,CHIP 1K 5% 1/10W R1341 1-216-025-91 RES,CHIP 100 5% 1/10W R1345 1-216-033-00 RES,CHIP 220 5% 1/10W R1345 1-216-071-00 RES,CHIP 8.2K 5% 1/10W R1345 1-216-049-91 RES,CHIP 15K 5% 1/10W R1345 1-216-071-01 RES,CHIP 15K 5% 1/10W R1345 1-216-071-01 RES,CHIP 15K 5% 1/10W R1345 1-216-049-91 RES,CHIP 15K 5% 1/10W R1345 1-216-073-00 RES,CHIP 15K 5% 1/10W R1349 1-216-033-00 RES,CHIP 10K 5% 1/10W R1349 1-216-053-00 RES,CHIP 1.5K 5% 1/10W R1349 1-216-053-00 RES,CHIP 1.5K 5% 1/10W R1349 1-216-053-00 RES,CHIP 1.5K 5% 1/10W R1361 1-216-049-91 RES,CHIP 100 5% 1/10W R1350 1-216-065-91 RES,CHIP 4.7K 5% 1/10W R1361 1-216-033-00 RES,CHIP 100 5% 1/10W R1353 1-216-025-91 RES,CHIP 4.7K 5% 1/10W R1361 1-216-033-00 RES,CHIP 220 5% 1/10W R1355 1-216-025-91 RES,CHIP 100 5% 1/10W R1361 1-216-033-00 RES,CHIP 220 5% 1/10W R1355 1-216-025-91 RES,CHIP 100 5% 1/10W R1361 1-216-049-91 RES,CHIP 100 5% 1/10W R1365 1-216-025-91 RES,CHIP 100 5% 1/10W R1361 1-216-049-91 RES,CHIP 100 5% 1/10W R1361 1-216-049-91 RES,CHIP 1K 5% 1/10W R1363 1-216-025-91 RES,CHIP 100 5% 1/10W R1371 1-216-049-91 RES,CHIP 1.8K 0.50% 1/10W R1366 1-216-057-00 RES,CHIP 2.2K 5% 1/10W R1361 1-208-788-11 METAL CHIP 1.8K 0.50% 1/10W R1366 1-216-057-00 RES,CHIP 2.2K 5% 1/10W R1368 1-208-788-11 METAL CHIP 1.8K 0.50% 1/10W R1361 1-216-057-00 RES,CHIP 1.8K 0.50% 1/10W R1361 1-216-057-00 RES,CHIP 2.2K 5% 1/10W												
R1155 1-216-049-91 RES,CHIP 1K 5% 1/10W R1341 1-216-025-91 RES,CHIP 100 5% 1/10W R1345 1-216-071-100 RES,CHIP 15K 5% 1/10W R1345 1-216-071-10 RES,CHIP 15K 5% 1/10W R1345 1-216-071-10 RES,CHIP 15K 5% 1/10W R1345 1-216-073-10 RES,CHIP 15K 5% 1/10W R1345 1-216-073-10 RES,CHIP 15K 5% 1/10W R1345 1-216-073-10 RES,CHIP 10K 5% 1/10W R1348 1-216-073-00 RES,CHIP 10K 5% 1/10W R1349 1-216-053-00 RES,CHIP 10K 5% 1/10W R1349 1-216-053-00 RES,CHIP 1.5K 5% 1/10W R1362 1-216-053-00 RES,CHIP 4.7K 5% 1/10W R1362 1-216-053-00 RES,CHIP 4.7K 5% 1/10W R1362 1-216-025-91 RES,CHIP 4.7K 5% 1/10W R1363 1-216-025-91 RES,CHIP 220 5% 1/10W R1355 1-216-025-91 RES,CHIP 100 5% 1/10W R1365 1-216-025-91 RES,CHIP 100 5% 1/10W R1365 1-216-025-91 RES,CHIP 100 5% 1/10W R1366 1-216-033-00 RES,CHIP 220 5% 1/10W R1357 1-216-025-91 RES,CHIP 100 5% 1/10W R1366 1-216-049-91 RES,CHIP 100 5% 1/10W R1363 1-216-025-91 RES,CHIP 100 5% 1/10W R1371 1-216-049-91 RES,CHIP 1K 5% 1/10W R1363 1-216-025-91 RES,CHIP 100 5% 1/10W R1365 1-216-025-91 RES,CHIP 100 5% 1/10W R1365 1-216-025-91 RES,CHIP 100 5% 1/10W R1366 1-216-025-91 RES,CHIP 1.8K 0.50% 1/10W R1366 1-216-025-91 RES,CHIP 1.8K 0.50% 1/10W R1368 1-208-788-11 METAL CHIP 1.8K 0.50% 1/10W R1368 1-208-788-11 METAL CHIP 1.8K 0.50% 1/10W R1369 1-216-025-91 RES,CHIP 2.2K 5% 1/10W R1300 1-216-057-00 RES,CHIP 2.2K 5% 1/10W R1300	R1154	1-216-097-91	RES,CHIP	100K	5%	1/10W						1/10W
R1156												1/10W
R1157 1-216-049-91 RES,CHIP 1K 5% 1/10W R1355 1-216-073-91 RES,CHIP 10K 5% 1/10W R1159 1-216-049-91 RES,CHIP 1K 5% 1/10W R1349 1-216-053-00 RES,CHIP 1.5K 5% 1/10W R1349 1-216-053-00 RES,CHIP 1.5K 5% 1/10W R1349 1-216-065-91 RES,CHIP 1.5K 5% 1/10W R1350 1-216-065-91 RES,CHIP 4.7K 5% 1/10W R1350 1-216-065-91 RES,CHIP 4.7K 5% 1/10W R1350 1-216-065-91 RES,CHIP 4.7K 5% 1/10W R1351 1-216-025-91 RES,CHIP 100 5% 1/10W R1352 1-216-065-91 RES,CHIP 4.7K 5% 1/10W R1351 1-216-025-91 RES,CHIP 100 5% 1/10W R1355 1-216-025-91 RES,CHIP 100 5% 1/10W R1357 1-216-025-91 RES,CHIP 100 5% 1/10W R1351 1-208-788-11 METAL CHIP 1.8K 0.50% 1/10W R1363 1-216-025-91 RES,CHIP 1.8K 0.50% 1/10W R1363 1-216-025-91 RES,CHIP 1.8K 0.50% 1/10W R1361 1-216-057-00 RES,CHIP 2.2K 5% 1/10W R1361 1-208-788-11 METAL CHIP 1.8K 0.50% 1/10W R1361 1-216-057-00 RES,CHIP 1.8K 0.50% 1/10W R1361 1-216-057-00 RES,CHIP 1.8K 0.50% 1/10W R1361 1-216-057-00 RES,CHIP 1.5K 0.50% 1/10W R1361 1-216-057-00 RES,CHIP 2.2K 5% 1/10W R1361 1-216-057-00 RES,CHIP 2.2K 5% 1/10W R1361 1-216-057-00 RES,CHIP 2.2K 5% 1/10W R1361 1-216-057-												1/10W
R1158 1-216-033-00 RES,CHIP 220 5% 1/10W R1348 1-216-073-00 RES,CHIP 10K 5% 1/10 R1161 1-216-049-91 RES,CHIP 1K 5% 1/10W R1350 1-216-053-00 RES,CHIP 1.5K 5% 1/10 R1162 1-216-025-91 RES,CHIP 100 5% 1/10W R1350 1-216-065-91 RES,CHIP 4.7K 5% 1/10 R1163 1-216-025-91 RES,CHIP 100 5% 1/10W R1352 1-216-065-91 RES,CHIP 4.7K 5% 1/10 R1163 1-216-033-00 RES,CHIP 220 5% 1/10W R1354 1-216-025-91 RES,CHIP 100 5% 1/10 R1165 1-216-033-00 RES,CHIP 220 5% 1/10W R1355 1-216-025-91 RES,CHIP 100 5% 1/10 R1166 1-216-033-00 RES,CHIP 220 5% 1/10W R1355 1-216-025-91 RES,CHIP 100 5% 1/10 R1356 1-216-033-00 RES,CHIP 220 5% 1/10W R1355 1-216-025-91 RES,CHIP 100 5% 1/10 R1366 1-216-039-00 RES,CHIP 220 5% 1/10W R1355 1-216-025-91 RES,CHIP 100 5% 1/10 R1167 1-216-121-91 RES,CHIP 1M 5% 1/10W R1355 1-208-822-11 METAL CHIP 47K 0.50% 1/10 R1172 1-216-049-91 RES,CHIP 1K 5% 1/10W R1363 1-216-025-91 RES,CHIP 100 5% 1/10 R1175 1-208-788-11 METAL CHIP 1.8K 0.50% 1/10W R1366 1-216-057-00 RES,CHIP 2.2K 5% 1/10 R1183 1-208-788-11 METAL CHIP 220 0.50% 1/10W R1366 1-216-057-00 RES,CHIP 2.2K 5% 1/10 R1183 1-208-786-11 METAL CHIP 220 0.50% 1/10W R1366 1-216-057-00 RES,CHIP 2.2K 5% 1/10 R1183 1-208-788-11 METAL CHIP 220 0.50% 1/10W R1366 1-216-057-00 RES,CHIP 1.8K 0.50% 1/10W R1368 1-208-788-11 METAL CHIP 200 0.50% 1/10W R1368 1-208-788-11 METAL CHIP 1.8K 0.50% 1/10W R1369 1-216-057-00 RES,CHIP 1.8K 0.50% 1/10W R1361 1-216-057-00 RES,CHIP 2.2K 5% 1/10 R1183 1-208-766-11 METAL CHIP 220 0.50% 1/10W R1369 1-216-055-91 RES,CHIP 1.5K 0.50% 1/10 R1301 1-216-057-00 RES,CHIP 2.2K 5%												1/10W
R1159 1-216-049-91 RES,CHIP 1K 5% 1/10W R1348 1-216-073-00 RES,CHIP 1.5K 5% 1/10 R1161 1-216-049-91 RES,CHIP 1K 5% 1/10W R1350 1-216-053-00 RES,CHIP 1.5K 5% 1/10 R1162 1-216-025-91 RES,CHIP 100 5% 1/10W R1350 1-216-065-91 RES,CHIP 4.7K 5% 1/10 R1163 1-216-025-91 RES,CHIP 100 5% 1/10W R1351 1-216-065-91 RES,CHIP 4.7K 5% 1/10 R1163 1-216-033-00 RES,CHIP 220 5% 1/10W R1354 1-216-025-91 RES,CHIP 100 5% 1/10W R1356 1-216-025-91 RES,CHIP 100 5% 1/10 R1165 1-216-033-00 RES,CHIP 220 5% 1/10W R1355 1-216-025-91 RES,CHIP 100 5% 1/10 R1166 1-216-033-00 RES,CHIP 220 5% 1/10W R1355 1-216-025-91 RES,CHIP 100 5% 1/10 R1167 1-216-034-09 RES,CHIP 100 5% 1/10 R1167 1-216-049-91 RES,CHIP 1M 5% 1/10W R1357 1-216-025-91 RES,CHIP 100 5% 1/10 R1170 1-216-049-91 RES,CHIP 1K 5% 1/10W R1358 1-208-822-11 METAL CHIP 47K 0.50% 1/10 R1172 1-216-049-91 RES,CHIP 1K 5% 1/10W R1358 1-216-025-91 RES,CHIP 100 5% 1/10 R1175 1-208-788-11 METAL CHIP 1.8K 0.50% 1/10W R1364 1-216-057-00 RES,CHIP 2.2K 5% 1/10 R1180 1-208-788-11 METAL CHIP 1.8K 0.50% 1/10W R1366 1-216-057-00 RES,CHIP 2.2K 5% 1/10 R1183 1-208-766-11 METAL CHIP 220 0.50% 1/10W R1368 1-208-788-11 METAL CHIP 1.8K 0.50% 1/10W R1368 1-208-788-11 METAL CHIP 1.8K 0.50% 1/10W R1369 1-216-025-91 RES,CHIP 1.8K 0.50% 1/10 R1183 1-208-766-11 METAL CHIP 1.8K 0.50% 1/10W R1369 1-216-025-91 RES,CHIP 1.5K 0.50% 1/10 R1180 1-208-766-11 METAL CHIP 1.8K 0.50% 1/10W R1369 1-216-025-91 RES,CHIP 1.5K 0.50% 1/10 R1180 1-208-766-11 METAL CHIP 1.8K 0.50% 1/10W R1369 1-216-025-91 RES,CHIP 2.2K 5% 1/10 R1301 1-216-057-00 RES,CHIP 2.2K 5% 1/10 R1301 1-208-788-11 METAL CHIP 1.8K 0.50% 1/10W R1371 1-216-057-00 RES,			*				R1345	1-216-077-91	RES,CHIP	15K	5%	1/10W
R1161 1-216-049-91 RES,CHIP 1K 5% 1/10W R1350 1-216-053-00 RES,CHIP 4.7K 5% 1/10 R1162 1-216-025-91 RES,CHIP 100 5% 1/10W R1352 1-216-065-91 RES,CHIP 4.7K 5% 1/10 R1163 1-216-025-91 RES,CHIP 100 5% 1/10W R1354 1-216-025-91 RES,CHIP 100 5% 1/10 R1164 1-216-033-00 RES,CHIP 220 5% 1/10W R1354 1-216-025-91 RES,CHIP 100 5% 1/10 R1165 1-216-033-00 RES,CHIP 220 5% 1/10W R1355 1-216-025-91 RES,CHIP 100 5% 1/10 R1166 1-216-033-00 RES,CHIP 220 5% 1/10W R1355 1-216-025-91 RES,CHIP 100 5% 1/10 R1167 1-216-121-91 RES,CHIP 1M 5% 1/10W R1357 1-216-025-91 RES,CHIP 100 5% 1/10 R1167 1-216-049-91 RES,CHIP 1M 5% 1/10W R1358 1-208-822-11 METAL CHIP 47K 0.50% 1/10 R1171 1-216-049-91 RES,CHIP 1K 5% 1/10W R1358 1-208-822-11 METAL CHIP 47K 0.50% 1/10 R1172 1-216-049-91 RES,CHIP 1K 5% 1/10W R1363 1-216-025-91 RES,CHIP 100 5% 1/10 R1178 1-208-788-11 METAL CHIP 1.8K 0.50% 1/10W R1366 1-216-057-00 RES,CHIP 2.2K 5% 1/10 R1180 1-208-788-11 METAL CHIP 1.8K 0.50% 1/10W R1368 1-208-788-11 METAL CHIP 1.8K 0.50% 1/10W R1369 1-216-057-00 RES,CHIP 1.5K 0.50% 1/10 R1181 1-216-057-00 RES,CHIP 2.2K 5% 1/10 R1181 1-208-766-11 METAL CHIP 1.8K 0.50% 1/10W R1371 1-216-057-00 RES,CHIP 1.5K 0.50% 1/10 R1301 1-216-057-00 RES,CHIP 2.2K 5% 1/10 R1301 1-208-788-11 METAL CHIP 1.8K 0.50% 1/10W R1374 1-216-057-00 RES,CHIP 2.2K 5% 1/10 R1301 1-208-788-11 METAL CHIP 1.8K 0.50% 1/10W R1374 1-216-057-00 RES,CHIP 2.2K 5% 1/10 R1301 1-208-788-11 METAL CHIP 1.8K 0.50% 1/10W R1375 1-216-057-00 RES,CHIP 2.2K 5% 1/10 R1305 1-208-788-11 METAL CHIP 1.8K 0.50% 1/10W R1375 1-2												
R1161 1-216-049-91 RES,CHIP 1K 5% 1/10W R1350 1-216-065-91 RES,CHIP 4.7K 5% 1/10 R1162 1-216-025-91 RES,CHIP 100 5% 1/10W R1352 1-216-065-91 RES,CHIP 4.7K 5% 1/10 R1163 1-216-025-91 RES,CHIP 100 5% 1/10W R1354 1-216-025-91 RES,CHIP 100 5% 1/10 R1164 1-216-033-00 RES,CHIP 220 5% 1/10W R1355 1-216-025-91 RES,CHIP 100 5% 1/10 R1165 1-216-033-00 RES,CHIP 220 5% 1/10W R1356 1-216-025-91 RES,CHIP 100 5% 1/10 R1366 1-216-033-00 RES,CHIP 220 5% 1/10W R1357 1-216-025-91 RES,CHIP 100 5% 1/10 R1167 1-216-121-91 RES,CHIP 1M 5% 1/10W R1357 1-216-025-91 RES,CHIP 100 5% 1/10 R1171 1-216-049-91 RES,CHIP 1K 5% 1/10W R1358 1-208-822-11 METAL CHIP 47K 0.50% 1/10 R1175 1-208-788-11 METAL CHIP 1.8K 0.50% 1/10W R1365 1-216-025-91 RES,CHIP 2.2K 5% 1/10 R1183 1-208-766-11 METAL CHIP 220 0.50% 1/10W R1364 1-216-057-00 RES,CHIP 2.2K 5% 1/10 R1183 1-208-788-11 METAL CHIP 1.8K 0.50% 1/10W R1366 1-216-025-91 RES,CHIP 1.8K 0.50% 1/10W R1368 1-208-788-11 METAL CHIP 1.8K 0.50% 1/10W R1369 1-216-025-91 RES,CHIP 1.5K 0.50% 1/10 R1301 1-216-057-00 RES,CHIP 2.2K 5% 1/10W R1371 1-216-655-11 METAL CHIP 1.8K 0.50% 1/10W R1371 1-216-057-00 RES,CHIP 1.5K 0.50% 1/10W R1301 1-216-057-00 RES,CHIP 2.2K 5% 1/10W R1301 1-208-788-11 METAL CHIP 1.8K 0.50% 1/10W	R1159	1-216-049-91	RES,CHIP	1K	5%	1/10W						1/10W
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R1171 1-216-049-91 RES,CHIP 1K 5% 1/10W R1363 1-216-025-91 RES,CHIP 100 5% 1/10W R1172 1-216-049-91 RES,CHIP 1K 5% 1/10W R1364 1-216-057-00 RES,CHIP 2.2K 5% 1/10W R1365 1-216-057-00 RES,CHIP 2.2K 5% 1/10W R1366 1-216-057-00 RES,CHIP 2.2K 5% 1/10W R1366 1-216-057-00 RES,CHIP 2.2K 5% 1/10W R1366 1-216-057-00 RES,CHIP 2.2K 5% 1/10W R1368 1-208-788-11 METAL CHIP 1.8K 0.50% 1/10W R1368 1-208-788-11 METAL CHIP 1.8K 0.50% 1/10W R1369 1-216-025-91 RES,CHIP 100 5% 1/10W R1368 1-208-788-11 METAL CHIP 1.8K 0.50% 1/10W R1369 1-216-025-91 RES,CHIP 1.5K 0.50% 1/10W R1371 1-216-655-11 METAL CHIP 1.5K 0.50% 1/10W R1371 1-216-057-00 RES,CHIP 2.2K 5% 1/10W R1373 1-216-057-00 RES,CHIP 2.2K 5% 1/10W R1373 1-216-057-00 RES,CHIP 2.2K 5% 1/10W R1373 1-216-057-00 RES,CHIP 2.2K 5% 1/10W R1375 1-208-790-11 METAL CHIP 2.2K 0.50% 1/10W R1305 1-208-788-11 METAL CHIP 1.8K 0.50% 1/10W R1377 1-208-790-11 METAL CHIP 2.2K 0.50% 1/10W R1305 1-208-788-11 METAL CHIP 1.8K 0.50% 1/10W R1377 1-208-790-11 METAL CHIP 2.2K 0.50% 1/10W R1305 1-208-788-11 METAL CHIP 1.8K 0.50% 1/10W R1377 1-208-790-11 METAL CHIP 2.2K 0.50% 1/10W R1305 1-208-788-11 METAL CHIP 1.8K 0.50% 1/10W R1377 1-208-790-11 METAL CHIP 2.2K 0.50% 1/10W R1305 1-208-788-11 METAL CHIP 1.8K 0.50% 1/10W R1377 1-208-790-11 METAL CHIP 2.2K 0.50% 1/10W R1305 1-208-788-11 METAL CHIP 1.8K 0.50% 1/10W R1377 1-208-790-11									*			1/10W
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R1175 1-208-788-11 METAL CHIP 1.8K 0.50% 1/10W R1364 1-216-057-00 RES,CHIP 2.2K 5% 1/10 R1365 1-216-057-00 RES,CHIP 2.2K 5% 1/10 R1365 1-216-057-00 RES,CHIP 2.2K 5% 1/10 R1180 1-208-788-11 METAL CHIP 1.8K 0.50% 1/10W R1366 1-216-057-00 RES,CHIP 2.2K 5% 1/10 R1183 1-208-788-11 METAL CHIP 220 0.50% 1/10W R1368 1-208-788-11 METAL CHIP 1.8K 0.50% 1/10W R1369 1-216-025-91 RES,CHIP 100 5% 1/10 R1185 1-208-788-11 METAL CHIP 1.8K 0.50% 1/10W R1371 1-216-655-11 METAL CHIP 1.5K 0.50% 1/10W R1372 1-216-065-91 RES,CHIP 4.7K 5% 1/10 R1301 1-216-057-00 RES,CHIP 2.2K 5% 1/10W R1374 1-216-057-00 RES,CHIP 2.2K 5% 1/10W R1302 1-216-057-00 RES,CHIP 2.2K 5% 1/10W R1375 1-216-057-00 RES,CHIP 2.2K 5% 1/10W R1303 1-208-788-11 METAL CHIP 1.8K 0.50% 1/10W R1377 1-208-790-11 METAL CHIP 2.2K 0.50% 1/10 R1305 1-208-788-11 METAL CHIP 1.8K 0.50% 1/10W R1377 1-208-790-11 METAL CHIP 2.2K 0.50% 1/10W R1305 1-208-788-11 METAL CHIP 1.8K 0.50% 1/10W R1377 1-208-790-11 METAL CHIP 2.2K 0.50% 1/10W R1305 1-208-788-11 METAL CHIP 1.8K 0.50% 1/10W R1377 1-208-790-11 METAL CHIP 2.2K 0.50% 1/10W R1305 1-208-788-11 METAL CHIP 1.8K 0.50% 1/10W R1377 1-208-790-11 METAL CHIP 2.2K 0.50% 1/10W R1305 1-208-788-11 METAL CHIP 1.8K 0.50% 1/10W R1305 1-208-790-11 METAL CHIP 1.5K 0.50% 1/10W R1305 1-208-790-11 METAL CHIP 1.5K 0.50% 1/							R1363	1-216-025-91	RES,CHIP	100	5%	1/10W
R1365 1-216-057-00 RES,CHIP 2.2K 5% 1/10 R1178 1-208-766-11 METAL CHIP 220 0.50% 1/10W R1366 1-216-057-00 RES,CHIP 2.2K 5% 1/10 R1180 1-208-788-11 METAL CHIP 1.8K 0.50% 1/10W R1368 1-208-788-11 METAL CHIP 1.8K 0.50% 1/10W R1183 1-208-766-11 METAL CHIP 220 0.50% 1/10W R1369 1-216-025-91 RES,CHIP 100 5% 1/10 R1185 1-208-788-11 METAL CHIP 1.8K 0.50% 1/10W R1188 1-208-766-11 METAL CHIP 220 0.50% 1/10W R1188 1-208-766-11 METAL CHIP 220 0.50% 1/10W R1181 1-216-055-91 RES,CHIP 1.5K 0.50% 1/10W R1372 1-216-055-91 RES,CHIP 1.5K 0.50% 1/10 R1301 1-216-057-00 RES,CHIP 2.2K 5% 1/10W R1374 1-216-057-00 RES,CHIP 2.2K 5% 1/10 R1302 1-216-057-00 RES,CHIP 2.2K 5% 1/10W R1375 1-216-057-00 RES,CHIP 2.2K 5% 1/10 R1303 1-208-788-11 METAL CHIP 1.8K 0.50% 1/10W R1377 1-208-790-11 METAL CHIP 2.2K 0.50% 1/10 R1305 1-208-788-11 METAL CHIP 1.8K 0.50% 1/10W					5%	1/10W						
R1178 1-208-766-11 METAL CHIP 220 0.50% 1/10W R1366 1-216-057-00 RES,CHIP 2.2K 5% 1/10 R1180 1-208-788-11 METAL CHIP 1.8K 0.50% 1/10W R1368 1-208-788-11 METAL CHIP 1.8K 0.50% 1/10W R1369 1-216-025-91 RES,CHIP 100 5% 1/10 R1185 1-208-788-11 METAL CHIP 1.8K 0.50% 1/10W R1369 1-216-025-91 RES,CHIP 100 5% 1/10 R1188 1-208-766-11 METAL CHIP 220 0.50% 1/10W R1371 1-216-655-11 METAL CHIP 1.5K 0.50% 1/10W R1372 1-216-065-91 RES,CHIP 4.7K 5% 1/10 R1301 1-216-057-00 RES,CHIP 2.2K 5% 1/10W R1374 1-216-057-00 RES,CHIP 2.2K 5% 1/10W R1375 1-216-057-00 RES,CHIP 2.2K 5% 1/10 R1303 1-208-788-11 METAL CHIP 1.8K 0.50% 1/10W R1377 1-208-790-11 METAL CHIP 2.2K 0.50% 1/10 R1305 1-208-788-11 METAL CHIP 1.8K 0.50% 1/10W R1377 1-208-790-11 METAL CHIP 2.2K 0.50% 1/10 R1305 1-208-788-11 METAL CHIP 1.8K 0.50% 1/10W R1377 1-208-790-11 METAL CHIP 2.2K 0.50% 1/10 R1305 1-208-788-11 METAL CHIP 1.8K 0.50% 1/10W R1377 1-208-790-11 METAL CHIP 2.2K 0.50% 1/10 R1305 1-208-788-11 METAL CHIP 1.8K 0.50% 1/10W R1377 1-208-790-11 METAL CHIP 2.2K 0.50% 1/10 R1305 1-208-788-11 METAL CHIP 1.8K 0.50% 1/10W R1377 1-208-790-11 METAL CHIP 2.2K 0.50% 1/10 R1305 1-208-788-11 METAL CHIP 1.8K 0.50% 1/10W R1377 1-208-790-11 METAL CHIP 2.2K 0.50% 1/10W R1305 1-208-788-11 METAL CHIP 1.8K 0.50% 1/10W R1305 1-208-790-11 METAL CHIP 1.8K 0.50% 1/10W R1305 1-208-790-11 METAL CHI	R1175	1-208-788-11	METAL CHIP	1.8K	0.50%	1/10W	R1364				5%	1/10W
R1180 1-208-788-11 METAL CHIP 1.8K 0.50% 1/10W R1368 1-208-788-11 METAL CHIP 1.8K 0.50% 1/10W R183 1-208-766-11 METAL CHIP 220 0.50% 1/10W R1369 1-216-025-91 RES,CHIP 100 5% 1/10W R1185 1-208-788-11 METAL CHIP 1.8K 0.50% 1/10W R1371 1-216-655-11 METAL CHIP 1.5K 0.50% 1/10W R1372 1-216-065-91 RES,CHIP 1.5K 0.50% 1/10W R1371 1-216-055-91 RES,CHIP 1.5K 0.50% 1/10W R1372 1-216-065-91 RES,CHIP 1.5K 0.50% 1/10W R1372 1-216-055-91 RES,CHIP 1.5K 0.50% 1/10W R1372 1-216-057-00 RES,CHIP 1.5K 0.50% 1/10W R1372 1-216-057-00 RES,CHIP 1.5K 0.50% 1/10W R1373 1-216-057-00 RES,CHIP 1.5K 0.50% 1/10W R1375 1-208-790-11 METAL CHIP 1.5K 0.50% 1/10W R1375 1-208-								1-216-057-00	RES,CHIP		5%	1/10W
R1183 1-208-766-11 METAL CHIP 220 0.50% 1/10W R1369 1-216-025-91 RES,CHIP 100 5% 1/10 R1185 1-208-788-11 METAL CHIP 1.8K 0.50% 1/10W R1371 1-216-655-11 METAL CHIP 1.5K 0.50% 1/10W R1372 1-216-065-91 RES,CHIP 1.5K 0.50% 1/10 R1372 1-216-065-91 RES,CHIP 4.7K 5% 1/10 R1301 1-216-057-00 RES,CHIP 2.2K 5% 1/10W R1374 1-216-057-00 RES,CHIP 2.2K 5% 1/10W R1375 1-216-057-00 RES,CHIP 2.2K 5% 1/10 R1303 1-208-788-11 METAL CHIP 1.8K 0.50% 1/10W R1377 1-208-790-11 METAL CHIP 2.2K 0.50% 1/10 R1305 1-208-788-11 METAL CHIP 1.8K 0.50% 1/10W		1-208-766-11	METAL CHIP	220	0.50%	1/10W	R1366	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1185 1-208-788-11 METAL CHIP 1.8K 0.50% 1/10W R1188 1-208-766-11 METAL CHIP 220 0.50% 1/10W R1371 1-216-655-11 METAL CHIP 1.5K 0.50% 1/10 R1372 1-216-065-91 RES,CHIP 4.7K 5% 1/10 R1301 1-216-057-00 RES,CHIP 2.2K 5% 1/10W R1302 1-216-057-00 RES,CHIP 2.2K 5% 1/10W R1303 1-208-788-11 METAL CHIP 1.8K 0.50% 1/10W R1305 1-208-788-11 METAL CHIP 1.8K 0.50% 1/10W				1.8K	0.50%	1/10W	R1368	1-208-788-11	METAL CHIP	1.8K	0.50%	1/10W
R1185 1-208-788-11 METAL CHIP 1.8K 0.50% 1/10W R1188 1-208-766-11 METAL CHIP 220 0.50% 1/10W R1371 1-216-655-11 METAL CHIP 1.5K 0.50% 1/10 R1372 1-216-065-91 RES,CHIP 4.7K 5% 1/10 R1301 1-216-057-00 RES,CHIP 2.2K 5% 1/10W R1302 1-216-057-00 RES,CHIP 2.2K 5% 1/10W R1303 1-208-788-11 METAL CHIP 1.8K 0.50% 1/10W R1305 1-208-788-11 METAL CHIP 1.8K 0.50% 1/10W		1-208-766-11	METAL CHIP		0.50%	1/10W	R1369	1-216-025-91	RES,CHIP	100	5%	1/10W
R1301 1-216-057-00 RES,CHIP 2.2K 5% 1/10W R1374 1-216-057-00 RES,CHIP 2.2K 5% 1/10W R1302 1-216-057-00 RES,CHIP 2.2K 5% 1/10W R1375 1-216-057-00 RES,CHIP 2.2K 5% 1/10W R1303 1-208-788-11 METAL CHIP 1.8K 0.50% 1/10W R1377 1-208-790-11 METAL CHIP 2.2K 0.50% 1/10W R1305 1-208-788-11 METAL CHIP 1.8K 0.50% 1/10W		1-208-788-11	METAL CHIP	1.8K	0.50%	1/10W						
R1301 1-216-057-00 RES,CHIP 2.2K 5% 1/10W R1374 1-216-057-00 RES,CHIP 2.2K 5% 1/10 R1302 1-216-057-00 RES,CHIP 2.2K 5% 1/10W R1375 1-216-057-00 RES,CHIP 2.2K 5% 1/10 R1303 1-208-788-11 METAL CHIP 1.8K 0.50% 1/10W R1377 1-208-790-11 METAL CHIP 2.2K 0.50% 1/10 R1305 1-208-788-11 METAL CHIP 1.8K 0.50% 1/10W	R1188	1-208-766-11	METAL CHIP	220	0.50%	1/10W	R1371	1-216-655-11	METAL CHIP	1.5K	0.50%	1/10W
R1302 1-216-057-00 RES,CHIP 2.2K 5% 1/10W R1375 1-216-057-00 RES,CHIP 2.2K 5% 1/10 R1303 1-208-788-11 METAL CHIP 1.8K 0.50% 1/10W R1377 1-208-790-11 METAL CHIP 2.2K 0.50% 1/10 R1305 1-208-788-11 METAL CHIP 1.8K 0.50% 1/10W							R1372	1-216-065-91	RES,CHIP	4.7K	5%	1/10W
R1303 1-208-788-11 METAL CHIP 1.8K 0.50% 1/10W R1305 1-208-788-11 METAL CHIP 1.8K 0.50% 1/10W R1305 1-208-788-11 METAL CHIP 1.8K 0.50% 1/10W	R1301	1-216-057-00	RES,CHIP	2.2K	5%	1/10W	R1374	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1303 1-208-788-11 METAL CHIP 1.8K 0.50% 1/10W R1305 1-208-788-11 METAL CHIP 1.8K 0.50% 1/10W R1305 1-208-788-11 METAL CHIP 1.8K 0.50% 1/10W	R1302	1-216-057-00	RES,CHIP	2.2K	5%	1/10W	R1375	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1305 1-208-788-11 METAL CHIP 1.8K 0.50% 1/10W					0.50%							
		1-208-788-11	METAL CHIP									
		1-208-788-11	METAL CHIP		0.50%	1/10W	R1379	1-216-655-11	METAL CHIP	1.5K	0.50%	1/10W
R1380 1-216-655-11 METAL CHIP 1.5K 0.50% 1/10							R1380	1-216-655-11	METAL CHIP	1.5K	0.50%	1/10W



REF. NO.	PART NO.	DESCRIPTION]	REMARK	REF. NO.	PART NO.	DESCRIPTION		Ē	REMARK
R1381		METAL CHIP	2.2K		1/10W	R1448	1-216-081-00	RES,CHIP	22K	5%	1/10W
R1383	1-216-057-00		2.2K	5%	1/10W						
R1389	1-216-049-91	RES,CHIP	1K	5%	1/10W	R1449	1-216-071-00	· · · · · · · · · · · · · · · · · · ·	8.2K	5%	1/10W
						R1450	1-216-077-91	, -	15K	5%	1/10W
R1392	1-216-049-91	, -	1K	5%	1/10W	R1451	1-216-073-00	RES,CHIP	10K	5%	1/10W
R1393	1-216-057-00	RES,CHIP	2.2K	5%	1/10W	R1452	1-216-053-00	RES,CHIP	1.5K	5%	1/10W
R1394	1-216-049-91	RES,CHIP	1K	5%	1/10W	R1453	1-216-081-00	RES,CHIP	22K	5%	1/10W
R1395	1-216-049-91	RES,CHIP	1K	5%	1/10W						
R1396	1-216-057-00	,	2.2K	5%	1/10W	R1454	1-216-025-91	RES.CHIP	100	5%	1/10W
				- / -	-,	R1455	1-216-025-91		100	5%	1/10W
R1397	1-216-049-91	DES CHID	1K	5%	1/10W	R1456	1-216-089-91	· · · · · · · · · · · · · · · · · · ·	47K	5%	1/10W
	1-216-065-91	*	4.7K	5%	1/10W 1/10W	R1450		· · · · · · · · · · · · · · · · · · ·	47K	5%	1/10W
R1398		· ·					1-216-089-91				
R1400	1-216-057-00	,	2.2K	5%	1/10W	R1461	1-216-065-91	RES,CHIP	4.7K	5%	1/10W
R1401	1-216-057-00	,	2.2K	5%	1/10W						
R1402	1-216-061-00	RES,CHIP	3.3K	5%	1/10W	R1462	1-216-295-91		0		
						R1463	1-216-025-91	RES,CHIP	100	5%	1/10W
R1404	1-208-822-11	METAL CHIP	47K	0.50%	1/10W	R1464	1-216-025-91		100	5%	1/10W
R1405	1-216-037-00	RES,CHIP	330	5%	1/10W	R1465	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R1406	1-216-025-91	RES.CHIP	100	5%	1/10W	R1466	1-216-065-91		4.7K	5%	1/10W
R1407	1-216-061-00	,	3.3K	5%	1/10W			,-			
R1408	1-216-057-00	,	2.2K	5%	1/10W	R1467	1-216-295-91	SHORT	0		
K1400	1-210-037-00	KLS,CIII	2.21	370	1/10**	R1468	1-216-057-00		2.2K	5%	1/10W
D1400	1 216 041 00	DEC CHID	470	£0/	1/10337		1-216-057-00	*			
R1409	1-216-041-00	,	470	5%	1/10W	R1469		, -	4.7K	5%	1/10W
R1410	1-216-041-00		470	5%	1/10W	R1470		METAL CHIP	2.2K	0.50%	1/10W
R1411	1-216-041-00	*	470	5%	1/10W	R1471	1-216-295-91	SHORT	0		
R1412	1-216-049-91	RES,CHIP	1K	5%	1/10W						
R1413	1-216-025-91	RES,CHIP	100	5%	1/10W	R1472	1-208-790-11	METAL CHIP	2.2K	0.50%	1/10W
						R1473	1-216-655-11	METAL CHIP	1.5K	0.50%	1/10W
R1414	1-216-069-00	RES,CHIP	6.8K	5%	1/10W	R1474	1-208-790-11	METAL CHIP	2.2K	0.50%	1/10W
R1415	1-216-065-91		4.7K	5%	1/10W	R1475	1-216-073-00		10K	5%	1/10W
R1416	1-216-025-91		100	5%	1/10W	R1476	1-216-097-91		100K	5%	1/10W
R1417	1-216-025-91	,	100	5%	1/10W	101470	1-210-077-71	KLS,CIIII	1001	5 /0	1/10**
					I	D1477	1 217 007 01	DEC CHID	10017	F0/	1/10337
R1418	1-208-800-11	METAL CHIP	10K	0.50%	1/10W	R1477	1-216-097-91		100K	5%	1/10W
						R1478		METAL CHIP	1.5K		1/10W
R1419	1-216-041-00		470	5%	1/10W	R1479	1-216-097-91	· · · · · · · · · · · · · · · · · · ·	100K	5%	1/10W
R1420	1-216-073-00	RES,CHIP	10K	5%	1/10W	R1480	1-216-097-91	RES,CHIP	100K	5%	1/10W
R1421	1-216-073-00	RES,CHIP	10K	5%	1/10W	R1482	1-216-097-91	RES,CHIP	100K	5%	1/10W
R1422	1-216-065-91	RES,CHIP	4.7K	5%	1/10W						
R1423	1-208-770-11	METAL CHIP	330	0.50%	1/10W	R1483	1-216-097-91	RES,CHIP	100K	5%	1/10W
						R1484	1-216-049-91	RES.CHIP	1K	5%	1/10W
R1424	1-208-814-91	METAL CHIP	22K	0.50%	1/10W	R1485	1-216-025-91	· · · · · · · · · · · · · · · · · · ·	100	5%	1/10W
R1425	1-216-025-91		100	5%	1/10W	R1501	1-216-025-91	· · · · · · · · · · · · · · · · · · ·	100	5%	1/10W
R1426	1-216-025-91		100	5%	1/10W	R1503	1-216-025-91		100	5%	1/10W
				370	1/10 W	K1303	1-210-023-91	кез,спіг	100	370	1/10 VV
R1427	1-216-295-91		0	0.500/	1 /1 0337	D1511	1 216 205 01	CHOPE	0		
R1428	1-208-790-11	METAL CHIP	2.2K	0.50%	1/10W	R1511	1-216-295-91		0		
						R1517	1-216-295-91		0		
R1429	1-216-025-91	,-	100	5%	1/10W	R1518	1-216-295-91		0		
R1430	1-216-025-91	RES,CHIP	100	5%	1/10W	R1521	1-216-049-91	RES,CHIP	1K	5%	1/10W
R1431	1-216-025-91	RES,CHIP	100	5%	1/10W	R1527	1-216-025-91	RES,CHIP	100	5%	1/10W
R1432	1-216-025-91	RES,CHIP	100	5%	1/10W						
R1433	1-216-111-00	RES,CHIP	390K	5%	1/10W	R1528	1-216-025-91	RES,CHIP	100	5%	1/10W
						R1529	1-216-025-91	RES.CHIP	100	5%	1/10W
R1434	1-216-295-91	SHORT	0			R1530	1-216-073-00		10K	5%	1/10W
R1435	1-216-057-00		2.2K	5%	1/10W	R1536	1-216-049-91	· · · · · · · · · · · · · · · · · · ·	1K		1/10W
R1436	1-216-295-91		0	570	1/10**	R1537	1-216-049-91		1K	5%	1/10W
				£0/	1/10337	K1337	1-210-049-91	кез,спіг	IK	370	1/10 VV
R1437	1-216-057-00	,	2.2K	5%	1/10W	D1500	1 21 6 0 40 01	DEC CHID	177	50/	1 /1 0337
R1438	1-216-065-91	RES,CHIP	4.7K	5%	1/10W	R1538	1-216-049-91		1K	5%	1/10W
						R1540		METAL CHIP	1.5K	0.50%	1/10W
R1439	1-208-768-11	METAL CHIP	270	0.50%	1/10W	R1543	1-216-295-91	SHORT	0		
R1440	1-208-790-11	METAL CHIP	2.2K	0.50%	1/10W	R1546	1-216-065-91	RES,CHIP	4.7K	5%	1/10W
R1441	1-216-081-00	RES,CHIP	22K	5%	1/10W	R1601	1-216-117-00	RES,CHIP	680K	5%	1/10W
R1442	1-216-081-00		22K	5%	1/10W			•			
R1443	1-216-065-91		4.7K	5%	1/10W	R1602	1-216-113-00	RES.CHIP	470K	5%	1/10W
						R1603	1-216-295-91		0		
R1444	1-216-081-00	DEC CHID	22K	5%	1/10W	R1605	1-216-293-91		680K	5%	1/10W
					I						
R1445	1-216-065-91		4.7K	5%	1/10W	R1607	1-216-117-00		680K	5%	1/10W
R1446	1-216-043-91		560	5%	1/10W	R1609	1-216-097-91	KES,CHIP	100K	5%	1/10W
R1447	1-216-081-00	RES,CHIP	22K	5%	1/10W						





Les composants identifies par une trame et une marque ${\triangle}$ sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

REF. NO.	PART NO.	DESCRIPTION			REMARK	REF. NO.	PART NO.	DESCRIPTION			REMARK
R1611	1-216-117-00	DEC CHID	680K	5%	1/10W			<tuner></tuner>			
			470K	5%				TUNER			
R1612	1-216-113-00			5%	1/10W	TU501	0 500 421 20	TUNER, FSS BTF-	337A 411		
R1613	1-216-025-91	,	100		1/10W						
R1614	1-216-117-00		680K	5%	1/10W	TU502	8-598-431-20	TUNER, FSS BTF-	-WA411		
R1617	1-216-117-00	RES,CHIP	680K	5%	1/10W						
R1619	1-216-025-91	RES CHIP	100	5%	1/10W			<crystal></crystal>			
R1620	1-216-025-91		100	5%	1/10W			(CKI STAL)			
R1621			100	5%		V1001	1 767 025 21	VIBRATOR, CRYS	PTAT		
	1-216-025-91				1/10W	X1001		*			
R1622	1-216-025-91		100	5%	1/10W	X1002		VIBRATOR, CERA			
R1623	1-216-025-91	RES,CHIP	100	5%	1/10W	X1301		OSCILALTOR, CE			
						X1302		OSCILLATOR, CR			
R1624	1-216-025-91		100	5%	1/10W	X1303	1-577-611-11	OSCILALTOR, CE	ERAMIC		
R1625	1-216-025-91		100	5%	1/10W						
R1627		METAL CHIP	22K	0.50%	6 1/10W	X1305	1-567-505-11	OSCILLATOR, CR	RYSTAL		
R1628	1-208-814-91	METAL CHIP	22K	0.50%	6 1/10W						
R1629	1-208-814-91	METAL CHIP	22K	0.50%	6 1/10W						
R1630		METAL CHIP	22K		6 1/10W	********		********	*******	*****	******
R1631		METAL CHIP	22K		6 1/10W						
R1632		METAL CHIP	22K		6 1/10W	*	* A-1316-400-A	A G BOARD, COMP			
R1633		METAL CHIP	22K		6 1/10W			******	*****		
R1634	1-208-814-91	METAL CHIP	22K	0.50%	6 1/10W						
							1-533-223-11	CLIP,FUSE			
R1640	1-208-758-11	METAL CHIP	100	0.50%	6 1/10W		4-382-854-11	SCREW(M3X10),	P, SW (+)		
R1641	1-208-806-11	METAL CHIP	10K	0.50%	6 1/10W						
R1642	1-216-025-91	RES,CHIP	100	5%	1/10W						
R1645	1-216-025-91	RES,CHIP	100	5%	1/10W			<capacitor></capacitor>			
R1646	1-216-025-91	RES,CHIP	100	5%	1/10W						
						C6001 △	1-104-708-11	MYLAR	$0.47\mu F$	20%	250V
R1647	1-216-025-91	RES.CHIP	100	5%	1/10W	C6002 △	1-104-706-11	MYLAR	0.22µF	20%	250V
R1650	1-216-025-91		100	5%	1/10W		1-119-906-51		2200pF	20%	250V
R1653	1-216-025-91		100	5%	1/10W	C6004	1-119-906-51		2200pF	20%	250V
R1654	1-216-025-91		100	5%	1/10W	C6006	1-161-964-91		0.0047µF	2070	250V
R1655	1-216-025-91		100	5%	1/10W	20000	1 101 701 71	CERT IIVIIC	0.0017μ1		230 1
111033	1 210 023 71	KE5,CIII	100	5 70	1/10**	C6007	1-161-964-91	CERAMIC	0.0047µF		250V
R1656	1-216-025-91	RES CHIP	100	5%	1/10W			ELECT(BLOCK)	1000μF	20%	250V
R1657	1-216-025-91		100	5%	1/10W	C6009	1-107-671-91		22μF	20%	400V
R1658	1-216-025-91		100	5%	1/10W			ELECT(BLOCK)	1000μF	20%	250V
R1659	1-216-065-91		4.7K	5%	1/10W	C6010 Z	1-126-968-11	,	1000μΓ 100μF	20%	50V
R1660	1-216-065-91		4.7K 4.7K	5%	1/10W	C0012	1-120-906-11	ELECT	Ισομι	2070	30 V
K1000	1-210-003-91	кез,спіг	4./K	370	1/10 VV	C6013	1-126-964-11	ELECT	10μF	20%	50V
D1661	1 216 057 00	DEC CHID	2.21/	50/	1/10W/				•		
R1661	1-216-057-00		2.2K	5% 5%	1/10W	C6014	1-104-664-11		47μF	20%	25V
R1662	1-216-081-00	,	22K	5%	1/10W	C6015	1-137-605-11		0.01μF	10%	250V
R1663	1-216-025-91		100	5%	1/10W	C6016	1-126-961-11		2.2μF	20%	50V
R1664	1-216-089-91		47K	5%	1/10W	C6017	1-126-968-11	ELECT	100μF	20%	50V
R1665	1-216-113-00	KES,CHIP	470K	5%	1/10W	0010	1 100 110 00	CEDAMIC	220. F	100/	5037
Dicco	1 01 6 00 7 7 7	DEG CHTD	100	5 0.	1/10***	C6018	1-102-112-00		330pF	10%	50V
R1666	1-216-025-91		100	5%	1/10W	C6019	1-102-112-00		330pF	10%	50V
R1667	1-216-089-91		47K	5%	1/10W	C6020	1-136-165-00		0.1μF	5%	50V
R1668	1-216-025-91		100	5%	1/10W	C6021	1-126-960-11		1μF	20%	50V
R1669	1-216-025-91	,	100	5%	1/10W	C6022	1-137-219-11	FILM	$0.015\mu F$	5%	0
R1670	1-216-025-91	RES,CHIP	100	5%	1/10W						
						C6023	1-115-405-11		$0.039\mu F$	3%	1KV
R1671	1-216-025-91	RES,CHIP	100	5%	1/10W	C6025	1-125-969-91		680pF	10%	1KV
R1672	1-216-025-91	RES,CHIP	100	5%	1/10W	C6026	1-125-969-91	CERAMIC	680pF	10%	1KV
R1673	1-216-025-91	RES,CHIP	100	5%	1/10W	C6027	1-126-964-11	ELECT	10μF	20%	50V
R1674	1-216-025-91	RES,CHIP	100	5%	1/10W	C6028	1-136-479-11	FILM	0.001µF	2%	50V
R1675	1-216-025-91	RES,CHIP	100	5%	1/10W				•		
						C6029	1-102-112-00	CERAMIC	330pF	10%	50V
R1676	1-216-065-91	RES,CHIP	4.7K	5%	1/10W	C6030	1-102-112-00		330pF	10%	50V
R1677	1-216-073-00		10K	5%	1/10W	C6031	1-126-960-11		1μF	20%	50V
R1678	1-216-065-91		4.7K	5%	1/10W	C6032	1-136-165-00		0.1µF	5%	50V
R1679	1-216-057-00		2.2K	5%	1/10W	C6032	1-125-969-91		680pF	10%	1KV
	10 057 00	,		2,0	-, 10 11	50055	, 0, ,1		P-	- 0 / 0	
						C6034	1-125-969-91	CERAMIC	680pF	10%	1KV
						C6035	1-126-964-11		10μF	20%	50V
						C6036	1-136-165-00		0.1μF	5%	50V
						1 20030	1 150 105 00		0.1pu	270	23,

The components identified by shading and mark \triangle are critical for safety. Replace only with part number specified.



DEE NO	DADT NO	DESCRIPTION			DEMARK	DEE NO	DADT NO	DECCDIE	OTION	DEMADE
REF. NO.	PART NO.	DESCRIPTION			REMARK	KEF. NO.	PART NO.	DESCRIF	'IION	REMARK
C6037	1-126-964-11		10μF	20%	50V	D6007	8-719-991-33	DIODE	1SS133T-77	
C6102	1-104-665-11	ELECT	100μF	20%	25V	D6009	8-719-982-26	DIODE	MT7L33R	
C6103	1-104-664-11	FI FCT	47μF	20%	25V	D6010	8-719-991-33			
C6104	1-101-810-00		100pF	5%	500V	D6010			MTZJ-T-77-9.1A	
C6105	1-101-810-00		100pF	5%	500V	D6011	8-719-991-33			
C6108	1-104-664-11		47μF	20%	25V	D6013	8-719-991-33			
C6113	1-107-639-11		47μF	20%	160V					
			·			D6014	8-719-991-33	DIODE	1SS133T-77	
C6114	1-107-641-11	ELECT	220μF	20%	160V	D6015	8-719-063-73	DIODE	D1NL20U-TR	
C6115	1-104-665-11	ELECT	100μF	20%	25V	D6016			μF4005PKG23	
C6116	1-126-968-11	ELECT	100μF	20%	50V	D6017	8-719-110-53			
C6117	1-128-546-11		10000μF	20%	10V	D6018	8-719-979-64	DIODE	μF4005PKG23	
C6118	1-126-943-11	ELECT	2200μF	20%	25V	D (010	0.710.110.52	DIODE	DD40EGD4	
06110	1 106 042 11	EL EOE	2200F	200/	0517	D6019	8-719-110-53			
C6119	1-126-943-11		2200μF	20%	25V	D6020 D6021			11ES4-TA1B	
C6120	1-128-549-11		3300μF	20%	35V	D6021 D6022	8-719-110-53			
C6121	1-128-549-11		3300μF	20%	35V		8-719-110-53			
C6122 C6123	1-126-943-11		2200μF 220μF	20% 20%	25V 160V	D6023	8-719-991-33	DIODE	1331331-77	
C0123	1-107-641-11	ELECT	220μΓ	2070	100 V	D6024	8-719-991-33	DIODE	1SS133T-77	
C6124	1-128-549-11	FI FCT	3300µF	20%	35V	D6024			μF4005PKG23	
C6125	1-128-549-11		3300μF	20%	35V	D6025	8-719-110-53			
C6126	1-128-545-11		100μF	20%	25V	D6020			μF4005PKG23	
C6127	1-107-639-11		47μF	20%	160V	D6027	8-719-110-53		•	
C6128	1-128-549-11		3300µF	20%	35V	20020	0 /12 110 00	DIODE	110202022	
						D6029	8-719-110-53	DIODE	RD20ESB2	
C6129	1-128-549-11	ELECT	3300µF	20%	35V	D6030	8-719-110-53	DIODE	RD20ESB2	
C6131	1-104-665-11		100μF	20%	25V	D6031	8-719-210-53			
C6132	1-104-665-11		100μF	20%	25V	D6032			μF4005PKG23	
C6133	1-104-665-11	ELECT	100μF	20%	25V	D6033	8-719-991-33			
C6134	1-126-968-11	ELECT	100μF	20%	50V					
						D6034	8-719-991-33	DIODE	1SS133T-77	
C6135	1-126-968-11	ELECT	100μF	20%	50V	D6035	8-719-110-31			
C6137	1-104-666-11		220μF	20%	25V	D6101	8-719-210-53			
C6140	1-104-665-11		100μF	20%	25V	D6102			D10SC6M-4012	
C6145	1-126-918-11		4700μF	20%	6.3V	D6103	8-719-052-90	DIODE	D1NL40-TA2	
C6150	1-136-165-00	MYLAR	0.1μF	5%	50V	DC104	0.710.021.70	DIODE	COL 40E	
C6155	1 102 120 00	CEDAMIC	0.01uE	100/	50V	D6104 D6105	8-719-031-78 8-719-052-91			
C6155 C6156	1-102-129-00 1-102-050-00		0.01μF 0.01μF	10% 99%	500V	D6103 D6106			D1NL40-TA2	
C6150	1-102-030-00		0.01μF 0.01μF	10%	50V	D6100 D6107	8-719-032-90			
C6157	1-102-129-00		0.01µF	10%	50V	D6107			D10SC6M-4012	
C6159	1-102-129-00		0.01µF	10%	50V	D0100	0 717 037 70	DIODL	D105C0141 4012	
			****			D6109	8-719-049-92	DIODE	SF10SC3L	
C6160	1-102-129-00	CERAMIC	$0.01 \mu F$	10%	50V	D6110	8-719-982-27			
			•			D6111	8-719-991-33	DIODE	1SS133T-77	
						D6112	8-719-991-33	DIODE	1SS133T-77	
		<connector></connector>				D6113	8-719-991-33	DIODE	1SS133T-77	
		PIN, CONNECTOR				D6114			D25SC6MRF04	
		PLUG, CONNECTO				D6116			D25SC6μF04	
		PIN, CONNECTOR	R (PC BOA)	RD) 8F)	D6117	8-719-988-31			
		TAB (CONTACT)				D6119	8-719-110-31			
CN6104*	1-564-512-11	PLUG, CONNECTO	OR 9P			D6120	8-719-063-73	DIODE	D1NL20U-TR	
CN6105*	: 1 564 500 11	DI LIC CONNECTO	OD 6D			D6121	9 710 021 62	DIODE	MT71 7 5D	
		PLUG, CONNECTOR PIN, CONNECTOR		סרו כד	,	D6121 D6122	8-719-921-63 8-719-991-33			
		TAB (CONTACT)	(FC DUA	אט (עגא		D6122 D6123	8-719-991-33 8-719-991-33			
		TAB (CONTACT)				D6123 D6124	8-719-991-33			
C110100	1-0/3-713-11	IAD (CONTACT)				D6124 D6125	8-719-991-33			
						10123	0 /17 ///1-33	DIODE	1001001 //	
		<diode></diode>								
								<fuse></fuse>		
D6002 🛆	8-719-033-58	DIODE RBV-150	6							
D6004		DIODE RD12ESB							GLASS TUBE 10A/125V	
D6005		DIODE μF4005PK					1-533-759-11			
D6006	8-719-059-23	DIODE P6KE200A	AG23			F6105 △	1-533-790-31	LINK, I	U	



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REF. NO.	PART NO.	DESCRIPTION		REMARK	REF. NO.	PART NO.	DESCRIPTION			REMARK
F6106 △	1-533-790-31	LINK, IC			Q6006	8-729-119-76	TRANSISTOR	2SA1175-HF	E	
		,			Q6007		TRANSISTOR			
					Q6008		TRANSISTOR			
		<ferritebead></ferritebead>			Q6009		TRANSISTOR			
					Q6010		TRANSISTOR			
FB6001	1-410-397-21	FERRITE	1.1µH		20010	0 ,2, 0	11011 (616 1 616	114 10		
	1-410-397-21		1.1µH		Q6011	8-729-140-97	TRANSISTOR	2SB734-34		
	1-410-397-21		1.1µH		Q6011		TRANSISTOR		F	
	1-410-397-21		1.1µH		Q6012		TRANSISTOR			
	1-410-397-21		1.1µH		Q6013 Q6101		TRANSISTOR			
1 100003	1-410-377-21	TERRITE	1.1μ11		Q6101		TRANSISTOR			
FB6006	1-410-397-21	EEDDITE	1.1μH		Q0102	0-729-119-70	TRANSISTOR	25A1175-111	L	
	1-410-397-21		1.1μH		Q6103	9 720 110 79	TRANSISTOR	29C2795 HE	TC T	
					Q6103 Q6104					
	1-410-397-21		1.1μH		Q6104 Q6106		TRANSISTOR			
	1-410-397-21		1.1μH		Q0100	8-729-119-70	TRANSISTOR	25А11/5-ПГ	E	
FB6102	1-410-397-21	FERRITE	1.1μH							
							DEGIGEOD.			
		***					<resistor></resistor>			
		<ic></ic>			D 1001 A		GIRRON	2 22 7	100/	4 (0777
10.0004	0.770 450 00	TO MODAGOD				1-219-776-11		2.2M	10%	1/2W
IC6001		IC TOP209P			R6002	1-219-759-11		1M	5%	1/2W
IC6002	8-759-185-47				R6004	1-260-131-11		470K	5%	1/2W
IC6003		IC IR3M02A			R6005	1-249-401-11		47	5%	1/4W F
IC6004	8-759-185-47	IC IR2112			R6006	1-260-127-11	CARBON	220K	5%	1/2W
IC6005∆	8-749-010-64	PHOTO COUPLE	R PC123F2							
					R6007	1-249-437-11	CARBON	47K	5%	1/4W
IC6011∆	8-749-010-64	PHOTO COUPLE	R PC123F2		R6008	1-260-127-11	CARBON	220K	5%	1/2W
IC6101	8-749-920-61	IC SE-135N			R6010	1-205-997-11	CEMENTED	2.2	5%	10W
IC6102		IC µPC393C			R6011	1-249-437-11		47K	5%	1/4W
IC6103		IC μPC1093J-1-T			R6012	1-212-849-00		4.7	5%	1/4W F
IC6104	8-759-450-47				110012	1 212 0 . 7 00	TODIBLE	,	270	1, 1
100104	0 737 430 47	IC B/1031			R6013	1-247-895-91	CARRON	470K	5%	1/4W
IC6301	8-750-108-31	IC μPC1093J-1-T			R6014	1-249-437-11		47K	5%	1/4W
100301	0-739-190-31	ις μις 10933-1-1			R6015			47K 47K		1/4W
						1-249-437-11			5%	
		·COII ·			R6016	1-249-437-11		47K	5%	1/4W
		<coil></coil>			R6017	1-249-417-11	CARBON	1K	5%	1/4W
T <001 A	1 401 116 11	TD AMCEODATED			D (010	1 247 062 01	CARRON	2217	50/	1 / 4337
		TRANSFORMER,			R6018	1-247-863-91		22K	5%	1/4W
		TRANSFORMER,			R6019	1-249-429-11		10K	5%	1/4W
L6103	1-412-523-25		6.8µH		R6020	1-249-425-11		4.7K	5%	1/4W
L6104	1-412-523-25		6.8µH		R6021	1-247-791-91		22	5%	1/4W
L6105	1-412-525-31	INDUCTOR	10μΗ		R6022	1-249-437-11	CARBON	47K	5%	1/4W
L6106	1-412-525-31	INDUCTOR	10μΗ		R6023	1-247-895-91		470K	5%	1/4W
L6107	1-406-659-11	INDUCTOR	10μΗ		R6024	1-249-397-11		22	5%	1/4W F
L6108	1-412-525-31	INDUCTOR	10μΗ		R6025	1-249-397-11		22	5%	1/4W F
L6109	1-412-525-31	INDUCTOR	10μΗ		R6026	1-249-425-11	CARBON	4.7K	5%	1/4W
L6110	1-412-525-31	INDUCTOR	10μΗ		R6027	1-249-425-11	CARBON	4.7K	5%	1/4W
L6111	1-412-525-31	INDUCTOR	10μΗ		R6028	1-215-427-00	METAL	1.8K	1%	1/4W
L6112	1-412-525-31	INDUCTOR	10μΗ		R6029	1-247-863-91	CARBON	22K	5%	1/4W
					R6030	1-249-437-11	CARBON	47K	5%	1/4W
					R6031	1-249-425-11		4.7K	5%	1/4W
		<ic link=""></ic>			R6032	1-249-417-11		1K	5%	1/4W
PS6101/	1-533-597-31	LINK IC			R6033	1-215-444-00	METAL	9.1K	1%	1/4W
	1-533-597-31				R6034	1-249-417-11		1K	5%	1/4W
	1-533-790-31				R6035	1-249-397-11		22	5%	1/4W F
	1-533-790-31				R6036	1-249-397-11		22	5%	1/4W F
1 50104/!	170-31	LIIVIX, IC			R6037	1-249-397-11		4.7K	5%	1/4W T
					1,002/	1-447-443-11	CANDON	+. / IX	J 70	1/≒ ¥¥
		AD A MOTOROD			D <020	1 240 425 11	CADDON	A 717	£0/	1 // 337
		<transistor></transistor>			R6038	1-249-425-11		4.7K	5%	1/4W
0.0001	0.700 110 70	TD A MOTORCE	G0705 IIPP		R6039	1-249-429-11		10K	5%	1/4W
Q6001		TRANSISTOR 2S			R6040	1-249-429-11		10K	5%	1/4W
Q6002		TRANSISTOR 2S			R6041	1-249-429-11		10K	5%	1/4W
Q6003		TRANSISTOR 2S			R6042	1-249-437-11	CARBON	47K	5%	1/4W
Q6004		TRANSISTOR 2S								
Q6005	8-729-119-76	TRANSISTOR 2S	A1175-HFE		R6043	1-260-134-11	CARBON	820K	5%	1/2W

The components identified by shading and mark \triangle are critical for safety. Replace only with part number specified.



REF. NO.	PART NO.	DESCRIPTION			REMARK	REF. NO.	PART NO.	DESCRIPTION			REMARK
R6101	1-215-437-00	METAL.	4.7K	1%	1/4W	*	: A-1331-972-A	CR BOARD, COM	PLETE		
R6102	1-215-479-00		270K	1%	1/4W		11 1001 > 72 1	*******			
R6103	1-215-437-00		4.7K	1%	1/4W						
R6104	1-215-413-00		470	1%	1/4W		4-382-854-51	SCREW(M3X8), P.	SW (+)		
10101	1 213 113 00	WEHLE	170	170	1/ 1 1 1		1 302 03 1 31	SCILE (((1)3710), 1,	511 (1)		
R6105	1-249-417-11	CARBON	1K	5%	1/4W						
R6106	1-249-417-11	CARBON	1K	5%	1/4W			<capacitor></capacitor>			
R6108	1-249-425-11		4.7K	5%	1/4W						
R6109	1-249-425-11		4.7K	5%	1/4W	C7100	1-162-114-00	CERAMIC	$0.0047 \mu F$		2KV
R6110	1-249-417-11		1K	5%	1/4W	C7102	1-162-115-00		330pF	10%	2KV
				- / -	-, -, -,	C7103	1-107-662-11		22μF	20%	250V
R6111	1-215-900-11	METAL OXIDE	22K	5%	2W F	C7104	1-126-768-11		2200μF	20%	16V
R6112	1-249-417-11		1K	5%	1/4W	C7105	1-162-115-00		330pF	10%	2KV
R6113	1-249-429-11		10K	5%	1/4W	C/105	1 102 113 00	CLIUMINE	эзорг	1070	211 1
R6115	1-249-409-11		220	5%	1/4W F	C7106	1-163-038-91	CERAMIC CHIP	0.1µF		25V
R6116	1-249-429-11		10K	5%	1/4W	C7107		CERAMIC CHIP	0.1µF		25 V
Rollo	1-2-7	CARDON	1010	570	1/ - * * *	C7107	1-126-967-11		47μF	20%	50V
R6117	1-249-413-11	CAPRON	470	5%	1/4W	C7108	1-120-907-11		$0.0047 \mu F$	2070	500V
			0.22	5%	2W F	C7109			0.0047µI	99%	500V
R6118 R6119	1-249-429-11	METAL OXIDE	10K	5% 5%	2 W F 1/4W	C/110	1-102-050-00	CERAIVIIC	0.01μΓ	99%	300 V
R6120						C7111	1-102-157-00	CEDAMIC	560mE	1.00/	500V
	1-249-429-11		10K	5%	1/4W	C7111			560pF		
R6121	1-249-429-11	CARBON	10K	5%	1/4W	C7112		CERAMIC CHIP	4pF		F50V
D <122	1 240 255 11	CARRON	0.47	50/	1 /4337 50	C7113	1-126-964-11		10μF	20%	50V
R6122	1-249-377-11		0.47	5%	1/4W F	C7116	1-163-121-00	CERAMIC CHIP	150pF	5%	50V
R6123	1-249-377-11		0.47	5%	1/4W F						
R6124	1-249-377-11		0.47	5%	1/4W F			GOLD TEGEROR			
R6125	1-249-425-11		4.7K	5%	1/4W			<connector></connector>			
R6126	1-249-417-11	CARBON	1K	5%	1/4W						
								PLUG, CONNECT			
R6128	1-249-417-11		1K	5%	1/4W			PLUG, CONNECT			
R6129	1-249-421-11		2.2K	5%	1/4W			PLUG, CONNECT			
R6130	1-249-425-11		4.7K	5%	1/4W			CONNECTOR, ON	E TOUCH		
R6132	1-249-417-11	CARBON	1K	5%	1/4W	CN7107	1-695-915-11	TAB (CONTACT)			
R6133	1-249-425-11	CARBON	4.7K	5%	1/4W						
R6134	1-249-417-11	CARBON	1K	5%	1/4W			<diode></diode>			
R6135	1-249-425-11	CARBON	4.7K	5%	1/4W						
R6136	1-249-425-11	CARBON	4.7K	5%	1/4W	D7102	8-719-921-86	DIODE MTZJ-13			
R6141	1-249-401-11	CARBON	47	5%	1/4W F	D7103	8-719-901-83	DIODE 1SS83			
R6142	1-249-425-11	CARBON	4.7K	5%	1/4W	D7104	8-719-901-83	DIODE 1SS83			
						D7105	8-719-901-83	DIODE 1SS83			
R6143	1-249-425-11	CARBON	4.7K	5%	1/4W	D7106	8-719-901-83	DIODE 1SS83			
R6301	1-215-454-00	METAL	24K	1%	1/4W						
R6302	1-215-431-00	METAL	2.7K	1%	1/4W	D7107	1-216-295-91	SHORT	0		
R6303	1-249-417-11	CARBON	1K	5%	1/4W	D7109	8-719-921-86	DIODE MTZJ-13			
						D7110	8-719-921-86	DIODE MTZJ-13			
		<relay></relay>									
								<ic></ic>			
RY60012	1-515-999-11	RELAY, POWER									
RY60024	1-515-999-11	RELAY, POWER				IC7101	8-759-360-83	IC TDA6111Q/N4			
		<transformer< td=""><td>></td><td></td><td></td><td></td><td></td><td><jack></jack></td><td></td><td></td><td></td></transformer<>	>					<jack></jack>			
T6001 △	1-429-807-11	TRANSFORMER,	CONVER	TER (l	PIT)	J7101 🛆	1-251-182-11	SOCKET, CRT			
T6002 △	1-431-897-11	TRANSFORMER,	CONVER	TER (I	PIT)						
T6003 △	1-431-732-11	TRANSFORMER,	CONVER	TER (SRT)						
		,		ζ.	- /			<coil></coil>			
		<varistor></varistor>				L7102	1-414-223-11	INDUCTOR	470µH		
		(11111111111111111111111111111111111111				L7103	1-414-181-11		4.7μH		
VD6001	1-801-073-31	VARISTOR TNR14	4V471K660)		L7103	1-414-187-11		47μH		
. 20001	0.00 01						10, 11				
								<neon lamp=""></neon>			
*******	******	*******	******	*****	*****						
						NL7101	1-517-778-21	LAMP, NEON			
						1.2/101	- 51, 770 21	,			



Les composants identifies par une trame et une marque ${\triangle}$ sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

REF. NO.	PART NO.	DESCRIPTION]	REMARK	REF. NO.	PART NO.	DESCRIPTION			REMARK
		LAMP, NEON LAMP, NEON				C7211 C7213 C7214	1-126-964-11	CERAMIC CHIP ELECT	560pF 2pF 10μF	0.25p 20%	
		<transistor></transistor>				C7216	1-163-121-00	CERAMIC CHIP	150pF	5%	50V
Q7101 Q7102		TRANSISTOR 25						<connector></connector>			
Q/102	0 72) 210 22	<resistor></resistor>	9711102 G			CN7202* CN7203* CN7204*	1-564-508-11 1-564-512-11 1-564-512-11	PLUG, CONNECT PLUG, CONNECT PLUG, CONNECT PLUG, CONNECT	TOR 5P TOR 9P TOR 9P		
R7101 R7102	1-260-132-11 1-249-389-11	CARBON	560K 4.7	5% 5%	1/2W 1/4W F			CONNECTOR, O			
R7103 R7105	1-216-295-91 1-260-117-11	CARBON	0 33K	5%	1/2W			TAB (CONTACT) PLUG, CONNECT			
R7106	1-219-743-11		100	5%	1/2W						
R7107 R7108	1-208-800-11 1-260-133-11	METAL CHIP CARBON	5.6K 680K	0.50% 5%	1/10W 1/2W			<diode></diode>			
R7109		METAL CHIP	12K		1/10W	D7202		DIODE MTZJ-13	3		
R7110		METAL CHIP	3K		1/10W	D7203		DIODE 1SS83			
R7111	1-216-033-00	KES,CHIP	220	5%	1/10W	D7204 D7205		DIODE 1SS83 DIODE 1SS83			
R7112	1-249-424-11	CARRON	3.9K	5%	1/4W	D7203 D7206		DIODE 1883			
R7112	1-216-029-00		150	5%	1/10W	D7200	0-717-701-03	DIODL 15565			
R7114		METAL CHIP	2.4K		1/10W	D7207	1-216-295-91	SHORT	0		
R7115		METAL CHIP	4.7K	0.50%	1/10W	D7208	8-719-073-01	DIODE MA111-(K8).S0		
R7116	1-215-904-11	METAL OXIDE	100K	5%	2W F	D7209	8-719-921-86	DIODE MTZJ-13	3		
						D7210	8-719-921-86	DIODE MTZJ-13	3		
R7117	1-260-093-11		330	5%	1/2W						
R7118	1-260-087-11		100	5%	1/2W			***			
R7119	1-260-099-11		1K	5%	1/2W			<ic></ic>			
R7122	1-216-033-00		220	5%	1/10W	107201	0.750.260.02	IC TD A C1110 N	4		
R7123	1-216-053-00	RES,CHIP	1.5K	5%	1/10W	IC7201	8-759-360-83	IC TDA6111Q/N	4		
R7126 R7127		METAL CHIP METAL CHIP	6.8K 6.8K		1/10W 1/10W			<jack></jack>			
K/12/	1-200-002-11	WILIAL CIII	0.01	0.5070	1/10**			JACK			
		<spark gap=""></spark>				J7201 △	1-251-182-11	SOCKET, CRT			
		SIARK GAI >									
	1-519-422-11 1-519-422-11	,						<coil></coil>			
50,102	1019 .22 11	0.11, 5.1.1141				L7201	1-414-223-11	INDUCTOR	470μΗ		
						L7203	1-414-181-11	INDUCTOR	4.7µH		
*****	******	********	*****	******	*****	L7204	1-414-187-11	INDUCTOR	47μΗ		
*	* A-1331-973-A	CG BOARD, CON						<neon lamp=""></neon>			
	1 202 054 51	CCDEWA (AVA)	NOTE ()					LAMP, NEON			
	4-382-854-51	SCREW(M3X8), F	?, SW (+)			NL/202	1-51/-//8-21	LAMP, NEON			
		<capacitor></capacitor>						<transistor></transistor>			
C7200	1-162-114-00	CERAMIC	$0.0047 \mu F$		2KV	Q7201	8-729-422-27	TRANSISTOR 2	SD601A-Q		
C7202	1-162-115-00		330pF	10%	2KV	Q7202	8-729-216-22	TRANSISTOR 2	SA1162-G		
C7203	1-126-768-11		2200μF	20%	16V						
C7204	1-107-662-11		22μF	20%	250V			DEGLOTOS			
C7205	1-163-038-91	CERAMIC CHIP	0.1μF		25V			<resistor></resistor>			
C7206	1-163-038-91	CERAMIC CHIP	0.1µF		25V	R7201	1-260-132-11	CARBON	560K	5%	1/2W
C7207	1-162-115-00		330pF	10%	2KV	R7202	1-216-295-91		0		
C7208	1-126-967-11		47μF	20%	50V	R7203	1-216-097-91		100K	5%	1/10W
C7209	1-102-050-00		0.01μF	99%	500V	R7204	1-219-743-11		100	5%	1/2W
C7210	1-161-830-00	CERAMIC	$0.0047 \mu F$		500V	R7205	1-260-117-11	CARBON	33K	5%	1/2W





REF. NO.	PART NO.	DESCRIPTION			REMARK	REF. NO.	PART NO.	DESCRIPTION		Ē	REMARK
R7206	1-208-800-11	METAL CHIP	5.6K	0.50%	1/10W			<diode></diode>			
R7207		METAL CHIP	12K		1/10W	D7202	9.710.021.96	DIODE MTZI 12			
R7208 R7209	1-216-033-00 1-260-133-11	*	220 680K	5% 5%	1/10W 1/2W	D7302 D7303		DIODE MTZJ-13 DIODE 1SS83			
R7209 R7210		METAL CHIP	3.3K		1/2 W 1/10W	D7303 D7304		DIODE 1SS83			
K/210	1-200-774-11	METAL CITI	J.JIX	0.5070	1/10**	D7304		DIODE 1SS83			
R7211	1-249-424-11	CARBON	3.9K	5%	1/4W	D7306		DIODE 1SS83			
R7212	1-208-788-11	METAL CHIP	1.8K	0.50%	1/10W						
R7213	1-215-904-11	METAL OXIDE	100K	5%	2W F	D7307		DIODE MA111-(
R7214	1-216-029-00		150	5%	1/10W	D7310		DIODE 1SS133T			
R7216	1-260-093-11	CARBON	330	5%	1/2W	D7311		DIODE MTZJ-13 DIODE MTZJ-13			
R7217	1 208 704 11	METAL CHIP	3.3K	0.50%	1/10W	D7312 D7313	8-719-921-86 1-216-295-91		0		
R7217	1-216-053-00		1.5K	5%	1/10W	D7313	1-210-275-71	SHORI	U		
R7220	1-216-033-00		220	5%	1/10W						
R7221	1-260-099-11	CARBON	1K	5%	1/2W			<ic></ic>			
R7223	1-208-804-11	METAL CHIP	8.2K	0.50%	1/10W						
						IC7301	8-759-360-83	IC TDA6111Q/N	1		
R7224		METAL CHIP	6.8K		1/10W						
R7225	1-260-087-11	CARBON	100	5%	1/2W			<jack></jack>			
								<jack></jack>			
		<spark gap=""></spark>				J7301 🛆	1-251-182-11	SOCKET, CRT			
	1-519-422-11										
	1-519-422-11	· · · · · · · · · · · · · · · · · · ·						<coil></coil>			
SG/203	1-519-422-11	GAP, SPARK				L7301	1 414 222 11	INDLICTOR	470μΗ		
						L7301 L7303	1-414-223-11 1-414-181-11		4.7μH 4.7μH		
						L7304	1-414-187-11		47μH		
*****	******	******	******	****	*****				•		
*	A-1331-974-A	CB BOARD, COM						<neon lamp=""></neon>			
						NL7301	1-517-778-21	LAMP, NEON			
	4-382-854-51	SCREW(M3X8), P,	SW (+)					LAMP, NEON			
								LAMP, NEON			
		<capacitor></capacitor>									
C7200	1 162 114 00	CEDANIC	0.0047E		OLZI			<transistor></transistor>			
C7300 C7302	1-162-114-00 1-162-115-00		0.0047μF 330pF	10%	2KV 2KV	Q7301	8 720 422 27	TRANSISTOR 25	SD601 A O		
C7302 C7303	1-162-115-00		330pF	10%	2KV 2KV	Q7301 Q7302		TRANSISTOR 25	-		
C7304	1-126-768-11		2200μF	20%	16V	Q7302	0-727-210-22	TRANSISTOR 2	JA1102-G		
C7305		GED I I II G GITTE	0.1μF		25V						
								<resistor></resistor>			
C7306		CERAMIC CHIP	0.1µF		25V						
C7307	1-107-662-11		22μF	20%	250V	R7301	1-219-743-11		100	5%	1/2W
C7308 C7310	1-126-967-11		47μF 0.0047μF	20%	50V 500V	R7302	1-260-132-11		560K	5%	1/2W
C7310 C7311	1-161-830-00 1-102-050-00		0.0047μF 0.01μF	99%	500V 500V	R7303 R7304	1-249-393-11 1-216-295-91		10 0	5%	1/4W F
C/311	1-102-030-00	CERAMIC	0.01μ1	JJ /0	300 V	R7304 R7307		METAL CHIP	5.6K	0.50%	1/10W
C7312	1-102-157-00	CERAMIC	560pF	10%	500V	10/50/	1 200 000 11	WEITE CITE	3.011	0.5070	1/1011
C7314	1-126-964-11		10μF	20%	50V	R7308	1-260-133-11	CARBON	680K	5%	1/2W
C7315	1-163-085-00	CERAMIC CHIP	2pF	0.25pl	F50V	R7309	1-208-791-11	METAL CHIP	2.4K	0.50%	1/10W
C7316	1-163-121-00	CERAMIC CHIP	150pF	5%	50V	R7311		METAL CHIP	12K		1/10W
						R7312		METAL CHIP	3K		1/10W
		<connector></connector>				R7313	1-216-033-00	KES,CHIP	220	5%	1/10W
		COMMECTOR>				R7314	1-249-424-11	CARBON	3.9K	5%	1/4W
CN7301*	1-564-508-11	PLUG, CONNECTO	OR 5P			R7315	1-216-029-00		150		1/10W
CN7302*	1-564-512-11	PLUG, CONNECTO	OR 9P			R7316		METAL OXIDE	100K		2W F
		PLUG, CONNECTO				R7317	1-260-093-11		330		1/2W
		CONNECTOR, ON	E TOUCH			R7319	1-208-806-11	METAL CHIP	10K	0.50%	1/10W
CN/307	1-695-915-11	TAB (CONTACT)				R7320	1-260-087-11	CARRON	100	5%	1/2W
CN7314*	1-564-507-11	PLUG, CONNECTO	OR 4P			R7320 R7321	1-260-087-11		33K		1/2W 1/2W
C11751T	200.007 11	,				R7323	1-216-033-00		220	5%	1/10W
					,						







REF. NO. P	PART NO.	DESCRIPTION			REMARK	REF. NO.	PART NO.	DESCRIPTION			REMARK
	1-216-053-00	*	1.5K	5%	1/10W			<ic></ic>			
R7326 1		METAL CHIP METAL CHIP	1K 7.5K 6.8K		1/2W 6 1/10W 6 1/10W	IC85028 IC85038 IC85048	3-759-251-31 3-759-011-64 3-759-251-31 3-759-711-28	IC CA0007AM IC MC74HC4052 IC CA0007AM IC NJM2058D	2F		
		<spark gap=""></spark>					3-759-251-31	IC CA0007AM			
		GAP, SPARK GAP, SPARK				IC85068	3-759-100-96	IC μPC4558G2			
507302	1 317 422 11	0/11, 51/11(1)						<resistor></resistor>			
********	********	*******	******	*****	*****		216-689-11 216-113-00	RES,CHIP RES,CHIP	39K 470K	5% 5%	1/10W 1/10W
						R85031-	216-073-00	RES,CHIP	10K	5%	1/10W
* /	A-1343-712-A	DS BOARD, COM				R85041-	216-061-00	RES,CHIP	3.3K	5%	1/10W
		******	*****			R85051-	216-073-00	RES,CHIP	10K	5%	1/10W
						R85061-	216-065-00	RES,CHIP	4.7K	5%	1/10W
		<capacitor></capacitor>				R85121-	216-073-00	RES,CHIP	10K	5%	1/10W
						R85131-	216-093-91	RES,CHIP	68K	5%	1/10W
C85011-120	6-964-11	ELECT	10μF	20%	50V	R85251-	216-085-00	RES,CHIP	33K	5%	1/10W
C85021-120	6-964-11	ELECT	10μF	20%	50V	R85261-	216-039-00	RES,CHIP	390	5%	1/10W
C85041-13	7-371-11	MYLAR	$0.015 \mu F$	5%	50V						
C85051-104	4-664-11	ELECT	47μF	20%	25V	R85271-	216-057-00	RES,CHIP	2.2K	5%	1/10W
C85061-104	4-664-11	ELECT	47μF	20%	25V	R85281-	216-037-00	RES,CHIP	330	5%	1/10W
							216-081-00	RES,CHIP	22K	5%	1/10W
C85071-104	4-664-11	ELECT	47μF	20%	25V		216-107-00	RES,CHIP	270K	5%	1/10W
C85081-104		ELECT	47μF	20%	25V		216-081-00	RES,CHIP	22K	5%	1/10W
C85091-104		ELECT	47μF	20%	25 V	103311	210 001 00	KL5,CIII	2211	570	1/10 **
C85101-104		ELECT	47μF	20%	25 V 25 V	D95321	216-073-00	RES,CHIP	10K	5%	1/10W
C85111-104		ELECT	47μΓ 47μF	20%	25 V 25 V		216-073-00	RES,CHIP	100K	5%	1/10W
C65111-10-	4-004-11	ELECT	4/μι	2070	23 V		216-073-00	RES,CHIP	100K	5%	1/10W
C95121 10	1 661 11	ELECT	47uE	200/	2537			RES,CHIP			
C85121-104		ELECT	47μF	20%	25V		216-081-00		22K	5%	1/10W
C85131-163		CERAMIC CHIP	0.1μF		25V	K85301-	216-079-00	RES,CHIP	18K	5%	1/10W
C85141-163		CERAMIC CHIP	0.1μF		25V	D05271	216 001 00	DEC CIUD	2217	50/	1 /1 0337
C85151-163		CERAMIC CHIP	0.1µF		25V		216-081-00	RES,CHIP	22K	5%	1/10W
C85161-163	3-038-91	CERAMIC CHIP	0.1μF		25V		216-099-00	RES,CHIP	120K	5%	1/10W
G05454 404	= 0= 4.4		0.045.5		507.		216-097-91	RES,CHIP	100K	5%	1/10W
C85171-13		MYLAR	0.047μF	5%	50V		216-073-00	RES,CHIP	10K	5%	1/10W
C85181-120		ELECT	10μF	20%	50V	R85411-	216-075-00	RES,CHIP	12K	5%	1/10W
C85191-163		CERAMIC CHIP	27pF	5%	50V						
C85201-163		CERAMIC CHIP	27pF	5%	50V		216-103-00	RES,CHIP	180K	5%	1/10W
C85211-163	3-224-11	CERAMIC CHIP	7pF	0.25p	F50V		216-097-91	RES,CHIP	100K	5%	1/10W
							216-097-91	RES,CHIP	100K	5%	1/10W
C85221-163		CERAMIC CHIP	47pF	5%	50V		216-097-91	RES,CHIP	100K	5%	1/10W
C85231-120		ELECT	10μF	20%	50V	R85461-	216-073-00	RES,CHIP	10K	5%	1/10W
C85241-10		ELECT	47μF	20%	25V						
C85251-10		ELECT	47μF	20%	25V		216-081-00	RES,CHIP	22K	5%	1/10W
C85261-163	3-275-11	CERAMIC CHIP	$0.001 \mu F$	5%	50V		216-057-00	RES,CHIP	2.2K	5%	1/10W
C85271-163	3-009-11	CERAMIC CHIP	0.001µF	10%	50V	R85491-	216-065-00	RES,CHIP	4.7K	5%	1/10W
		<connector></connector>				******	******	*******	******	*****	****
CN8501*1-	-691-632-21	CONNECTOR, BO	ARD TO B	OARD	15P			8-A D BOARD, COM	*****		,
		<diode></diode>					* A-1346-899	9-A D BOARD, COM	,	XBR300))
D85018-719	9-914-44	DIODE DAP202K						00 SPACER, MICA			
D85028-719		DIODE DAP202K						11 SCREW(M3X10).			
D85038-719		DIODE DAN202F	ζ				7-682-952-0	09 SCREW+PSW 3X	.16		
D85048-719		DIODE RD5.6SB									
D85058-719	9-158-15	DIODE RD5.6SB									



REF. NO.	PART NO.	DESCRIPTION			REMARK	REF. NO.	PART NO.	DESCRIPTION			REMARK
		<capacitor></capacitor>				C5079 C5080	1-126-968-11 1-126-968-11		100μF 100μF	20% 20%	50V 50V
C5001	1-104-664-11	FI FCT	47µF	20%	25V	C5085	1-101-002-00		0.0022µF	2070	50V
C5002	1-126-960-11		1μF	20%	50V	C5086	1-130-495-00		0.0022μ1 0.1μF	5%	50V
C5002	1-120-900-11		47μF	20%	25V	C5087	1-130-495-00		0.1μF	5%	50V
C5003			$0.0022 \mu F$	2070	50V	C3067	1-130-493-00	WIILAK	0.1μΓ	370	30 V
	1-101-002-00			50/		G5000	1 115 524 11	EH M	1.5	50/	2501/
C5005	1-130-495-00	MYLAR	$0.1\mu F$	5%	50V	C5088	1-115-524-11		1.5μF	5%	250V
						C5089	1-106-220-00		0.1μF	10%	100V
C5006	1-101-002-00		$0.0022 \mu F$		50V	C5090	1-126-960-11		1μF	20%	50V
C5007	1-102-973-00		100pF	5%	50V	C5091	1-126-942-61		1000μF	20%	25V
C5008	1-126-967-11	ELECT	47μF	20%	50V	C5092	1-126-942-61	ELECT	1000μF	20%	25V
C5010	1-102-973-00	CERAMIC	100pF	5%	50V						
C5011	1-126-967-11	ELECT	47μF	20%	50V	C5093	1-137-370-11	MYLAR	$0.01\mu F$	5%	50V
						C5094	1-137-370-11	MYLAR	$0.01 \mu F$	5%	50V
C5012	1-107-645-11	ELECT	22μF	20%	160V	C5095	1-126-964-11	ELECT	10μF	20%	50V
C5013	1-126-967-11	ELECT	47μF	20%	50V	C5097	1-126-933-11	ELECT	100μF	20%	16V
C5014	1-101-002-00		0.0022µF		50V	C5098	1-126-933-11		100μF	20%	16V
C5015	1-101-880-00		47pF	5%	50V						
C5016	1-106-383-00		0.047µF	10%	200V	C5099	1-104-999-11	MYLAR	0.1µF	10%	200V
23010	1 100 303 00	WII LA IIC	0.017 με	1070	2001	C5100	1-124-347-51		100μF	20%	160V
C5017	1-126-967-11	FI FCT	47μF	20%	50V	C5103	1-107-641-11		220μF	20%	160V
C5017			470pF	10%	500V	C5105	1-137-372-11		•	5%	50V
C5019 C5020	1-102-228-00		470pr 0.1μF	5%	50V				0.022μF		50V
	1-130-495-00					C5107	1-130-495-00	MILAK	0.1μF	5%	30 V
C5023	1-126-960-11		1μF	20%	50V	G5100	1 120 040 00	EH M	220 E	50/	5017
C5024	1-126-942-61	ELECT	1000μF	20%	25V	C5108	1-130-048-00		220pF	5%	50V
						C5112	1-104-664-11		47μF	20%	16V
C5025	1-126-942-61		1000μF	20%	25V	C5113	1-130-495-00		0.1µF	5%	50V
C5026	1-137-370-11		$0.01\mu F$	5%	50V	C5114	1-136-479-11		$0.001 \mu F$	5%	50V
C5028	1-102-228-00		470pF	10%	500V	C5122	1-164-096-11	CERAMIC	$0.01\mu F$		50V
C5029	1-164-096-11		$0.01\mu F$		50V						
C5032	1-126-972-11	ELECT	1000μF	20%	50V	C5123	1-104-664-11	ELECT	47μF	20%	16V
						C5124	1-164-096-11	CERAMIC	$0.01\mu F$		50V
C5033	1-101-002-00	CERAMIC	$0.0022 \mu F$		50V	C5203	1-136-356-11	MYLAR	470pF	5%	50V
C5034	1-136-177-00	MYLAR	1μF	5%	50V	C5204	1-137-368-11	MYLAR	$0.0047 \mu F$	5%	50V
C5035	1-126-967-11		47μF	20%	50V	C5208	1-136-479-11		0.001µF	5%	50V
C5036	1-164-096-11		0.01µF		50V						
C5037	1-126-969-11		220µF	20%	50V	C8001	1-107-655-11	ELECT	47μF	20%	250V
	/					C8002	1-124-347-51		100μF	20%	160V
C5038	1-115-524-11	FII.M	1.5µF	5%	250V	C8003	1-124-347-51		100μF	20%	160V
C5039	1-117-834-11		5600pF	3%	1.5KV	C8004		CERAMIC CHIP	100pF	5%	50V
C5040	1-137-378-11		0.22µF	5%	50V	C8005	1-106-387-00		0.068µF	10%	200V
C5040	1-137-376-11		0.22μ1 0.047μF	10%	100V	C6003	1-100-307-00	WITLAN	0.000μ1	1070	200 V
C5041	1-162-116-00		680pF	10%	2KV	C8006	1-126-959-11	EI ECT	0.47µF	20%	50V
C3042	1-102-110-00	CERAIVIIC	osobi	1070	ZK V	C8007	1-120-939-11		0.47μΓ 0.01μF	10%	100V
C5042	1 162 116 00	CEDAMIC	680pF	10%	2VV		1-102-030-00		•		500V
C5043	1-162-116-00			10%	2KV	C8008			330pF	10%	
C5045	1-162-114-00		0.0047μF	1.00/	2KV	C8009	1-102-244-00		220pF	10%	500V
C5047	1-137-399-11		0.1μF	10%	100V	C8010	1-130-481-00	MYLAK	0.0068μF	5%	50V
C5048	1-137-399-11		0.1μF	10%	100V	00011	1 106 004 ::	EL ECE	220 =	2021	1.00
C5049	1-126-933-11	ELECT	100μF	20%	16V	C8011	1-126-934-11		220μF	20%	16V
G=0	1 10 - 15 - 1	EW 3.6	0.001 -	- ~ .	5077	C8012	1-130-338-91		0.01µF	5%	630V
C5050	1-136-479-11		$0.001 \mu F$	5%	50V	C8013	1-126-964-11		10μF	20%	50V
C5051	1-162-318-11		$0.001 \mu F$	10%	500V	C8014	1-102-228-00		470pF	10%	500V
C5052	1-126-972-11	ELECT	1000μF	20%	50V	C8015	1-126-933-11	ELECT	100μF	20%	16V
C5061	1-102-973-00	CERAMIC	100pF	5%	50V						
C5062	1-102-973-00	CERAMIC	100pF	5%	50V	C8016	1-126-964-11	ELECT	10μF	20%	50V
						C8017	1-126-964-11	ELECT	10μF	20%	50V
C5063	1-102-973-00	CERAMIC	100pF	5%	50V	C8018	1-117-838-11	FILM	8200pF	3%	1.5KV
C5064	1-102-973-00	CERAMIC	100pF	5%	50V	C8019	1-163-133-00	CERAMIC CHIP	470pF	5%	50V
C5065	1-102-973-00		100pF	5%	50V	C8020	1-162-318-11		0.001µF	10%	500V
C5066	1-102-973-00		100pF	5%	50V				• **		
C5071	1-107-718-91		100μF	20%	50V	C8023	1-126-767-11	ELECT	1000µF	20%	16V
	/10 /1					C8024	1-126-968-11		1000μF	20%	50V
C5072	1-107-718-91	ELECT	100µF	20%	50V	C8025	1-128-562-11		47μF	20%	100V
C5072	1-107-718-91		100μΓ 100μF	20%	50V	C8025		CERAMIC CHIP	$0.0022 \mu F$	10%	50V
C5073	1-126-968-11		100μF 100μF	20%	50V 50V	C8028	1-104-101-11		0.0022μF 0.0047μF		50V
C5074 C5075			•			C0U28	1-13/-308-11	IVIILAN	0.004/μΓ	J 70	JU V
	1-107-718-91		100μF	20%	50V	C0020	1 164 161 11	CED AMIC CITIE	0.0022	100/	5017
C5076	1-107-718-91	ELECI	100μF	20%	50V	C8029		CERAMIC CHIP	0.0022μF		50V
						C8030	1-126-967-11	ELECI	47μF	20%	50V



RE	F. NO.	PART NO.	DESCRIPTION			REMARK	REF. NO.	PART NO.	DESCRIPTION			REMARK
	8032 8033	1-106-387-00 1-130-495-00		0.068μF 0.1μF	10% 5%	200V 50V	C8097	1-126-967-11	ELECT	47μF	20%	50V
	8034	1-126-967-11		47μF	20%	50V	C8098	1-126-967-11	ELECT	47μF	20%	50V
							C8099	1-126-964-11		10μF	20%	50V
C	8035	1-104-664-11	ELECT	47μF	20%	25V	C8100	1-162-114-00		0.0047µF	2KV	
C	8037	1-130-495-00		0.1µF	5%	50V	C8102	1-102-125-00		0.0047µF	10%	50V
	8038	1-126-967-11		47μF	20%	50V	C8103	1-126-964-11		10μF	20%	50V
	8039	1-137-420-11		0.047μF	10%	100V						
	8040	1-126-964-11		10μF	20%	50V	C8104	1-126-961-11	ELECT	2.2µF	20%	50V
				•			C8109	1-102-125-00		•	10%	50V
C	8041	1-130-495-00	MYLAR	$0.1 \mu F$	5%	50V	C8111	1-126-933-11		100μF	20%	16V
	8042	1-126-967-11		47μF	20%	50V	C8112	1-136-291-11		0.0068µF		100V
	8043	1-130-495-00	MYLAR	0.1µF	5%	50V	C8113	1-102-125-00		0.0047µF		50V
	8045	1-137-431-11	MYLAR	560pF	5%	50V				•		
C	8046	1-130-495-00	MYLAR	0.1µF	5%	50V	C8114	1-104-664-11	ELECT	47μF	20%	25V
							C8115	1-162-114-00	CERAMIC	0.0047µF		2KV
C	8047	1-130-495-00	MYLAR	$0.1 \mu F$	5%	50V				·		
C	8048	1-163-251-11	CERAMIC CHIP	100pF	5%	50V						
C	8049	1-126-967-11	ELECT	47μF	20%	50V			<connector></connector>			
C	8050	1-126-967-11	ELECT	47μF	20%	50V						
C	8051	1-126-967-11	ELECT	47μF	20%	50V	CN5001*	1-564-506-11	PLUG, CONNECT	OR 3P		
							CN5002*	1-573-964-11	PIN, CONNECTOR	R (PC BOA	RD) 6F	•
C	8052	1-163-239-11	CERAMIC CHIP	33pF	5%	50V	CN5003*	1-564-509-11	PLUG, CONNECT	OR 6P		
C	8053	1-126-960-11	ELECT	1μF	20%	50V	CN5004*	1-779-890-11	CONNECTOR, BC	ARD TO B	OARD	10P
C	8054	1-126-960-11	ELECT	1μF	20%	50V	CN5005*	1-580-689-11	PIN, CONNECTOR	R (PC BOA	RD) 4F	•
C	8055	1-126-961-11	ELECT	2.2μF	20%	50V						
C	8059	1-126-965-11	ELECT	22μF	20%	50V	CN5006*	1-580-689-11	PIN, CONNECTOR	R (PC BOA)	RD) 4F)
							CN5007*	1-580-689-11	PIN, CONNECTOR	R (PC BOA)	RD) 4F)
C	8060	1-126-963-11	ELECT	4.7μF	20%	50V	CN5008*	1-564-506-11	PLUG, CONNECT	OR 3P		
C	8061	1-126-965-11	ELECT	22μF	20%	50V	CN5009*	1-779-890-11	CONNECTOR, BC	ARD TO B	OARD	10P
C	8062	1-126-965-11	ELECT	22μF	20%	50V	CN5010*	1-779-890-11	CONNECTOR, BC	ARD TO B	OARD	10P
C	8064	1-130-495-00	MYLAR	$0.1\mu F$	5%	50V						
C	8065	1-126-964-11	ELECT	10μF	20%	50V	CN5011 *	1-779-890-11	CONNECTOR, BC	ARD TO B	OARD	10P
									PLUG, CONNECT			
	8066	1-130-471-00	MYLAR	$0.001 \mu F$	5%	50V			PLUG, CONNECT			
	8067	1-104-661-91	ELECT	330µF	20%	16V			PLUG, CONNECT			
	8068	1-137-410-11		$0.001 \mu F$	10%	100V	CN8001*	1-573-986-11	PIN, CONNECTOR	R (PC BOA)	RD) 5F)
	8069	1-126-967-11		47μF	20%	50V						
C	8070	1-102-110-00	CERAMIC	220pF	10%	50V			TAB (CONTACT)			
									PLUG, CONNECT			
	8071	1-126-963-11		4.7μF	20%	50V			PLUG, CONNECT			
	8072	1-126-964-11		10μF	20%	50V			PLUG, CONNECT			
	8073	1-126-967-11		47μF	20%	50V	CN8006*	1-564-507-11	PLUG, CONNECT	OR 4P		
	8074	1-137-410-11		0.001µF	10%	100V	G3.70005.1	. 4 505 254 00	nni dominamor			
C	8075	1-126-965-11	ELECT	22μF	20%	50V			PIN, CONNECTOR			
	00=-	4 4 62 000 44	arn i i aa arm	0.004 =	100/	5077			PIN, CONNECTOR	R 2P		
	8076		CERAMIC CHIP	0.001µF	10%	50V			TAB (CONTACT)			
	8077	1-137-370-11		0.01µF	5%	50V			TAB (CONTACT)	ADD TO D	O A D D	15D
	8078 8079	1-130-495-00		0.1μF	5%	50V 50V	CN8011	1-091-010-21	CONNECTOR, BC	IAKD IU B	UAKL	13P
	8080	1-126-967-11 1-126-967-11		47μF 47μF	20% 20%	50V	CN190128	: 1 564 506 11	PLUG, CONNECT	OD 2D		
C	8080	1-120-907-11	ELECT	4/μΓ	2070	30 V	CN6012	1-304-300-11	FLUG, CONNECT	OK 3F		
C	8081	1-126-967-11	ELECT	47μF	20%	50V						
	8082	1-137-366-11		$0.0022 \mu F$	5%	50V			<diode></diode>			
	8083	1-126-964-11		0.0022μ1 10μF	20%	50V			(DIODL)			
	8084	1-126-967-11		47μF	20%	50V	D5001	8_719_991_33	DIODE 1SS133T-	77		
	8085	1-104-661-91		330µF	20%	16V	D5001		DIODE 1SS133T-			
	0005	1 104 001 71	LLLCI	330μ1	2070	10 4	D5002		DIODE EL1Z	, ,		
C	8086	1-137-150-11	MYLAR	0.01µF	10%	100V	D5003		DIODE 1SS133T-	77		
	8089	1-137-399-11		0.1μF	10%	100V	D5005		DIODE RD5.6ES			
	8090	1-126-964-11		10μF	20%	50V			1220.020	_		
	8091	1-126-967-11		47μF	20%	50V	D5006	8-719-991-33	DIODE 1SS133T-	77		
	8092	1-126-964-11		10μF	20%	50V	D5007		DIODE EL1Z			
			- =		-,0		D5008		DIODE 1SS133T-	77		
C	8093	1-126-964-11	ELECT	10μF	20%	50V	D5009		DIODE EGP20G			
	8094	1-126-964-11		10μF	20%	50V	D5010		DIODE GP08D			
	8095	1-126-967-11		47μF	20%	50V						
	8096	1-126-967-11		47μF	20%	50V	D5011	8-719-908-03	DIODE GP08D			



REF. NO.	PART NO.	DESCRIPTION		REMARK	REF. NO.	PART NO.	DESCRIPTION		REMARK
D5013	8-719-979-99	DIODE ERD08M-	15		FB8001	1-410-396-41	FERRITE	0.45µH	
D5014		DIODE 1SS133T-7				1-410-396-41		0.45μΗ	
D5015	8-719-018-82	DIODE RGP02-20	EL-6394		FB8003	1-410-397-21	FERRITE	1.1μH	
D5016	8-719-110-61	DIODE RD24ESB	1						
D5017	8-719-110-61	DIODE RD24ESB	1				<ic></ic>		
D5017		DIODE EL1Z	1				(IC)		
D5020		DIODE EL1Z			IC5001	8-759-701-88	IC NJM7912FA		
D5021		DIODE ERC91-02			IC5002		IC NJM7812FA		
D5022	8-719-991-33	DIODE 1SS133T-7	7		IC5004	8-759-192-71	IC STV9379		
					IC5005	8-749-014-67	IC STK392-020		
D5025		DIODE 1SS133T-7			IC5006	8-749-014-67	IC STK392-020		
D5027		DIODE MTZJ-T-7							
D5028		DIODE 1SS133T-7			IC5008		IC μPC393C		
D8001		DIODE RD5.1M-F			IC5009		IC M5218AP		
D8002	8-719-914-43	DIODE DAN202K	-		IC8002 IC8003		IC μPC393C IC NJM7905FA		
D8003	8_719_979_85	DIODE EGP20G			IC8003		IC μPC2405HF		
D8004		DIODE DAN202K			100004	0 757 144 02	ις μι 62405111		
D8005		DIODE DAN202K			IC8006	8-759-103-93	IC µPC393C		
D8006		DIODE DAN202K			IC8007		IC NJM2058D		
D8007	8-719-945-80	DIODE ERC06-15	S		IC8008	8-759-135-80	IC μPC358C		
					IC8009	8-759-135-80	IC µPC358C		
D8008		DIODE RD13M-B			IC8010	8-759-103-93	IC μPC393C		
D8009		DIODE RD13M-B							
D8010		DIODE D8LC20U			IC8011	8-759-711-28	IC NJM2058D		
D8011		DIODE ERC06-15							
D8013	8-719-920-67	DIODE ERC91-02					<chip conduct<="" td=""><td>OR></td><td></td></chip>	OR>	
D8014	8-719-302-43	DIODE EL1Z					CIIII CONDUCT	OIC>	
D8015		DIODE DAN202K			JR8001	1-216-295-00	SHORT	0	
D8017		DIODE DAN202K				1-216-295-00		0	
D8018	8-719-983-14	DIODE MTZJ-T-7	7-3.9		JR8003	1-216-295-00	SHORT	0	
D8021	8-719-914-43	DIODE DAN202K			JR8004	1-216-295-00	SHORT	0	
D0022	9 710 014 42	DIODE DANSON							
D8023 D8024		DIODE DAN202K DIODE DAN202K					<coil></coil>		
D8024 D8025		DIODE DAN202K					(COIL)		
D8026		DIODE DAN202K			L5001	1-412-533-21	INDUCTOR	47μH	
D8027		DIODE DAN202K			L5002	1-412-533-21		47μH	
					L5003	1-412-533-21		47μΗ	
D8029		DIODE DAN202K	•		L5004	1-412-533-21	INDUCTOR	47μΗ	
D8030		DIODE MA3091			L5007	1-419-352-11	COIL, HORIZONT	AL LINEARITY	
D8031		DIODE RD5.1M-E	32		* #000		nunuamon.	0.0 ***	
D8032		DIODE EL1Z						8.2μH	
D8033	8-719-914-43	DIODE DAN202K			L5010 L5011	1-412-533-21 1-412-533-21		47μH 47μH	
D8034	8-719-028-00	DIODE MA3033-I			L5011	1-412-533-21		47μH 47μH	
D8035		DIODE RD5.1M-E			L5012	1-412-533-21		47μH	
D8036		DIODE DAN202K			20010	12 333 21		pv	
D8037		DIODE DAN202K			L5018	1-411-594-11	INDUCTOR	5mH	
D8038	8-719-106-81	DIODE RD13M-B	3		L5019	1-459-109-00	COIL,DUST CORE	E	
					L5020	1-414-177-11		1μΗ	
D8039		DIODE RD10ESB			L8001	1-414-223-11		470μΗ	
D8040		DIODE DAN202K			L8002	1-406-977-21	INDUCTOR	100μΗ	
D8041		DIODE RD13M-B	3		1 0002	1 400 (12 11	COIL AID CODE		
D8042 D8045	8-759-157-40 8-719-400-75	DIODE MA3091			L8003 L8004	1-422-613-11	COIL, AIR CORE	4.7µH	
D0043	0-/17-400-/3	MASUS1			L8004 L8005	1-412-521-31		4.7μH 47μH	
D8046	8-719-402-57	DIODE MA3150H	-TX		L8006	1-412-533-21		47μH	
D8047		DIODE MA3150H			L8007	1-412-521-31		4.7μH	
D8048		DIODE DAN202K							
D8050	8-719-914-43	DIODE DAN202K							
							<neon lamp=""></neon>		
		<ferrite bead=""></ferrite>			NII 2001	1_517_778 21	LAMP, NEON		
		~ ERRITE DEAD?					LAMP, NEON		
FB5001	1-410-396-41	FERRITE	0.45μΗ				LAMP, NEON		
			•	'			•		



REF. NO.	PART NO.	DESCRIPTION	REMAI	RK	REF. NO.	PART NO.	DESCRIPTION			REMARK
NI 8004	1-517-778-21	LAMP, NEON			Q8019	8-729-422-27	TRANSISTOR	2SD601A-0		
1120004	1 317 770 21	Ez ivii, NEON			Q8020		TRANSISTOR			
					Q8021	8-729-422-27	TRANSISTOR	2SD601A-Q		
		<ic link=""></ic>			Q8022	8-729-422-27	TRANSISTOR	2SD601A-Q		
PS5001	1-533-595-31	LINK, IC			Q8023	8-729-027-38	TRANSISTOR	DTA144EKA	-T146	
PS5002	1-533-595-31				Q8024		TRANSISTOR			
PS5003	1-533-595-31	LINK, IC			Q8025		TRANSISTOR		-T146	
PS5004	1-533-595-31				Q8026		TRANSISTOR			
PS5005	1-533-595-31	LINK, IC			Q8027	8-729-422-27	TRANSISTOR	2SD601A-Q		
PS5006	1-533-595-31	LINK, IC			Q8028	8-729-422-27	TRANSISTOR	2SD601A-Q		
PS5007	1-533-595-31	LINK, IC			Q8030	8-729-823-81	TRANSISTOR	2SC4632LS-0	CB7	
PS5008	1-533-595-31				Q8031	8-729-422-27	TRANSISTOR	2SD601A-Q		
PS8001	1-533-593-11	LINK, IC								
							<resistor></resistor>			
		<transistor< td=""><td>8></td><td></td><td>D5002</td><td>1 240 417 11</td><td>CARRON</td><td>1<i>V</i></td><td>50/</td><td>1 // 337</td></transistor<>	8>		D5002	1 240 417 11	CARRON	1 <i>V</i>	50/	1 // 337
O5002	8-729-119-76	TRANSISTOR	2SA1175_HEE		R5002 R5003	1-249-417-11 1-249-417-11		1K 1K	5% 5%	1/4W 1/4W
Q5002 Q5004		TRANSISTOR			R5003	1-249-425-11		4.7K	5%	1/4W
Q5005		TRANSISTOR			R5007		METAL OXIDE		5%	3W F
Q5006	8-729-119-78	TRANSISTOR	2SC2785-HFE						(6	1XBR300)
Q5008	8-729-119-80	TRANSISTOR	2SC2688-LK		R5007	1-216-474-11	METAL OXIDE	82	5%	3W F
Q5009	8-729-119-76	TRANSISTOR	2SA1175-HFE						(5	3XBR300)
Q5010		TRANSISTOR			R5008	1-216-472-00	METAL OXIDE	39	5%	3W F
Q5013			2SC3997S-SONY-YB						(6	1XBR300)
Q5014		TRANSISTOR			R5008	1-216-474-11	METAL OXIDE	82	5%	3W F
Q5015	8-729-119-78	TRANSISTOR	2SC2785-HFE							3XBR300)
05016	0.720.110.70	TD A MOIGTOD	2002705 HEE		R5009	1-249-421-11		2.2K	5%	1/4W
Q5016 Q5019		TRANSISTOR TRANSISTOR			R5011 R5012	1-247-843-11 1-249-425-11		3.3K 4.7K	5% 5%	1/4W 1/4W
Q5019 Q5022		TRANSISTOR			K3012	1-249-423-11	CARBON	4./K	370	1/ 4 VV
Q5022		TRANSISTOR			R5013	1-249-425-11	CARBON	4.7K	5%	1/4W
Q5024	8-729-119-78	TRANSISTOR	2SC2785-HFE		R5016	1-249-429-11	CARBON	10K	5%	1/4W
					R5017	1-247-863-91		22K	5%	1/4W
Q5025		TRANSISTOR			R5018	1-247-843-11		3.3K	5%	1/4W
Q5026		TRANSISTOR			R5020	1-249-437-11	CARBON	47K	5%	1/4W
Q5027 Q5029		TRANSISTOR TRANSISTOR			R5021	1-215-445-00	METAI	10K	1%	1/4W
Q5029 Q5030		TRANSISTOR			R5021	1-247-863-91		22K	5%	1/4W
Ç					R5023	1-247-863-91		22K	5%	1/4W
Q5031	8-729-038-83	TRANSISTOR	2SK2251-01-F19		R5026	1-216-462-00	METAL OXIDE	8.2K	5%	2W F
Q5034		TRANSISTOR			R5027	1-215-897-11	METAL OXIDE	6.8K	5%	2W F
Q5035		TRANSISTOR								
Q5036		TRANSISTOR			R5028	1-249-377-11		0.47	5%	1/4W F
Q5037	0-129-119-70	TRANSISTOR	ΔυΑ11/ <i>)</i> -ΠΓΕ		R5029 R5030	1-249-377-11 1-249-437-11		0.47 47K	5% 5%	1/4W F 1/4W
Q8001	8-729-119-80	TRANSISTOR	2SC2688-LK		R5030		METAL OXIDE		5%	1W F
Q8002		TRANSISTOR			R5033	1-249-417-11		1K	5%	1/4W
Q8003	8-729-119-80	TRANSISTOR	2SC2688-LK							
Q8004			2SC4632LS-CB7		R5034	1-249-429-11	CARBON	10K	5%	1/4W
Q8005	8-729-231-55	TRANSISTOR	2SC2878-AB		R5035	1-249-429-11		10K	5%	1/4W
00000	0.700.016.00	TD A MOIGTOD	2011162 0		R5039	1-249-429-11		10K	5%	1/4W
Q8006 Q8007		TRANSISTOR TRANSISTOR			R5040 R5042	1-249-417-11 1-249-425-11		1K 4.7K	5% 5%	1/4W 1/4W
Q8007 Q8008		TRANSISTOR			NJU42	1-4 +7-4 4J-11	CARDON	7./IX	J 70	1/ T VV
Q8009		TRANSISTOR			R5043	1-249-417-11	CARBON	1K	5%	1/4W
Q8010		TRANSISTOR			R5046		METAL OXIDE		5%	3W F
					R5047	1-215-450-00	METAL	16K	1%	1/4W
Q8013		TRANSISTOR			R5049		METAL OXIDE		5%	3W F
Q8014			2SC4632LS-CB7		R5050	1-247-807-31	CARBON	100	5%	1/4W
Q8015		TRANSISTOR			D 505 1	1 240 425 11	CADDON	22V	50/	1 //\\\
Q8016 Q8017		TRANSISTOR TRANSISTOR			R5051 R5054	1-249-435-11 1-249-413-11		33K 470	5% 5%	1/4W 1/4W
2001/	0 ,2, 210-22	110 11 (DID I OK			R5055		METAL OXIDE		5%	3W F
Q8018	8-729-231-55	TRANSISTOR	2SC2878-AB		R5057	1-249-429-11		10K	5%	1/4W



REF. NO.	PART NO.	DESCRIPTION			REMARK	REF. NO.	PART NO.	DESCRIPTION			REMARK
R5058	1-249-430-11	CARBON	12K	5%	1/4W	R5129	1-214-808-11	METAL.	4.7	1%	1/2W
K3036	1-247-430-11	CARDON	121	5 /0	1/7***	R5129	1-214-808-11		4.7	1%	1/2W
R5059	1-249-383-11	CARBON	1.5	5%	1/4W F	R5131	1-214-808-11		4.7	1%	1/2W
R5061	1-249-429-11		10K	5%	1/4W	R5131	1-214-808-11		4.7	1%	1/2W
R5062	1-247-735-11		47	20%	1/2W	R5132	1-214-808-11		4.7	1%	1/2W
R5063	1-247-807-31		100	5%	1/4W	103133	1 214 000 11	MENTE	4.7	1 /0	1/2 **
R5067	1-214-800-11		2.2	1%	1/2W	R5134	1-214-808-11	METAI	4.7	1%	1/2W
K3007	1-214-000-11	WILIAL	2.2	1 /0	1/2 **	R5135	1-214-808-11		4.7	1%	1/2W
R5068	1-249-429-11	CARBON	10K	5%	1/4W	R5136	1-214-808-11		4.7	1%	1/2W
R5069	1-249-429-11		10K	5%	1/4W	R5130	1-214-808-11		4.7	1%	1/2W
R5070	1-260-321-71		270	5%	1/4 W	R5137	1-214-808-11		4.7	1%	1/2W
R5070	1-214-800-11		2.2	1%	1/2W	K3136	1-214-000-11	WILIAL	4.7	1 /0	1/2 **
R5072	1-247-807-31		100	5%	1/4W	R5143	1-249-429-11	CARRON	10K	5%	1/4W
K3072	1 247 007 31	CHRIDOIN	100	570	1/4**	R5144	1-249-429-11		10K	5%	1/4W
R5073	1-215-433-00	METAL.	3.3K	1%	1/4W	R5145	1-249-429-11		10K	5%	1/4W
R5074	1-249-437-11		47K	5%	1/4W	R5146	1-249-429-11		10K	5%	1/4W
R5075	1-215-445-00		10K	1%	1/4W	R5147	1-249-429-11		10K	5%	1/4W
R5076		METAL OXIDE	101	5%	1W F	103147	1 247 427 11	CHROOM	TOIL	570	1/4**
R5077		METAL OXIDE	270	5%	3W F	R5148	1-249-429-11	CARBON	10K	5%	1/4W
13077	1 210 4// 11	WEINE ONDE	270	570	311 1	R5149	1-249-429-11		10K	5%	1/4W
R5081	1-247-807-31	CARBON	100	5%	1/4W	R5150	1-249-429-11		10K	5%	1/4W
R5082	1-247-807-31		100	5%	1/4W	R5151	1-249-429-11		10K	5%	1/4W
R5083	1-247-807-31		100	5%	1/4W	R5151	1-249-429-11		10K	5%	1/4W
R5084	1-247-807-31		100	5%	1/4W	103132	1 247 427 11	CHROOM	TOIL	570	1/4**
R5085	1-247-807-31		100	5%	1/4W	R5153	1-249-429-11	CARBON	10K	5%	1/4W
N3003	1 247 007 31	CHRIDOIN	100	570	1/4 **	R5154	1-249-429-11		10K	5%	1/4W
R5086	1-247-807-31	CARBON	100	5%	1/4W	R5155	1-249-425-11		4.7K	5%	1/4W
R5087	1-247-843-11		3.3K	5%	1/4W	R5156	1-215-425-00		1.5K	1%	1/4W
R5088	1-247-843-11		3.3K	5%	1/4W	R5165	1-260-312-11		47	5%	1/2W
R5089	1-247-843-11		3.3K	5%	1/4W	103103	1 200 312 11	CHEBOIT	.,	570	1,211
R5090	1-247-843-11		3.3K	5%	1/4W	R5166	1-247-887-00	CARBON	220K	5%	1/4W
113070	1 217 013 11	CHEDOIT	3.311	570	1/ 1 11	R5167	1-260-312-11		47	5%	1/2W
R5091	1-249-417-11	CARBON	1K	5%	1/4W	R5168	1-260-312-11		47	5%	1/2W
R5092	1-249-417-11		1K	5%	1/4W	R5169	1-249-429-11		10K	5%	1/4W
R5093	1-247-843-11		3.3K	5%	1/4W	R5170	1-215-471-00		120K	1%	1/4W
R5095	1-247-843-11		3.3K	5%	1/4W	163170	1 213 171 00	WEITE	12011	1/0	1/ 1 11
R5097	1-249-417-11		1K	5%	1/4W	R5171	1-215-449-00	METAL	15K	1%	1/4W
110057	12., 11, 11	or med or v		270	2,	R5172	1-247-895-91		470K	5%	1/4W
R5098	1-249-405-11	CARBON	100	5%	1/4W F	R5173	1-247-895-91		470K	5%	1/4W
R5099	1-249-417-11		1K	5%	1/4W	R5174	1-249-439-11		68K	5%	1/4W
R5100	1-249-405-11		100	5%	1/4W F	R5175		METAL OXIDE	3.3	5%	3W F
R5101	1-214-808-11		4.7	1%	1/2W						
R5102	1-214-808-11	METAL	4.7	1%	1/2W	R5177	1-215-469-00	METAL	100K	1%	1/4W
						R5179	1-249-425-11		4.7K	5%	1/4W
R5103	1-214-808-11	METAL	4.7	1%	1/2W	R5180	1-249-421-11	CARBON	2.2K	5%	1/4W
R5104	1-214-808-11		4.7	1%	1/2W	R5181	1-249-422-11		2.7K	5%	1/4W
R5105	1-214-808-11	METAL	4.7	1%	1/2W	R5182	1-247-895-91	CARBON	470K	5%	1/4W
R5106	1-214-808-11	METAL	4.7	1%	1/2W						
R5107	1-249-417-11	CARBON	1K	5%	1/4W	R5183	1-249-422-11	CARBON	2.7K	5%	1/4W
						R5184	1-249-417-11	CARBON	1K	5%	1/4W
R5108	1-249-417-11	CARBON	1K	5%	1/4W	R5186	1-249-425-11	CARBON	4.7K	5%	1/4W
R5109	1-214-808-11	METAL	4.7	1%	1/2W	R5187	1-249-431-11	CARBON	15K	5%	1/4W
R5110	1-214-808-11	METAL	4.7	1%	1/2W	R5188	1-249-429-11	CARBON	10K	5%	1/4W
R5111	1-214-808-11	METAL	4.7	1%	1/2W						
R5112	1-214-808-11	METAL	4.7	1%	1/2W	R5189	1-215-421-00	METAL	1K	1%	1/4W
						R5190	1-249-377-11	CARBON	0.47	5%	1/4W F
R5113	1-214-808-11	METAL	4.7	1%	1/2W	R5191	1-249-417-11	CARBON	1K	5%	1/4W
R5114	1-214-808-11	METAL	4.7	1%	1/2W	R5192	1-215-429-00	METAL	2.2K	1%	1/4W
R5117	1-214-808-11	METAL	4.7	1%	1/2W	R5193	1-215-465-00	METAL	68K	1%	1/4W
R5118	1-214-808-11	METAL	4.7	1%	1/2W						
R5121	1-214-808-11	METAL	4.7	1%	1/2W	R5194	1-215-425-00	METAL	1.5K	1%	1/4W
						R5195	1-215-449-00	METAL	15K	1%	1/4W
R5122	1-214-808-11		4.7	1%	1/2W	R5196	1-215-445-00	METAL	10K	1%	1/4W
R5123	1-214-808-11	METAL	4.7	1%	1/2W	R5197	1-247-807-31	CARBON	100	5%	1/4W
R5124	1-214-808-11	METAL	4.7	1%	1/2W	R5200	1-249-429-11	CARBON	10K	5%	1/4W
R5127	1-214-808-11	METAL	4.7	1%	1/2W						
R5128	1-214-808-11	METAL	4.7	1%	1/2W	R5203	1-249-436-11		39K	5%	1/4W
						R5204	1-249-429-11	CARBON	10K	5%	1/4W



DEE NO	DADT NO	DESCRIPTION			DEMARK	DEE NO	DARTNO	DECCRIPTION		n	EMADIZ
REF. NO.	PART NO.	DESCRIPTION			REMARK	REF. NO.	PART NO.	DESCRIPTION		_	EMARK
R5205 R5207	1-249-429-11	CARBON METAL OXIDE	10K 3.3	5% 5%	1/4W 2W F	R8067	1-216-059-00	RES,CHIP	2.7K	5%	1/10W
R5207		METAL OXIDE	3.3	5%	2W F	R8069	1-216-445-11	METAL OXIDE	12	5%	2W F
103200	1 210 373 00	WEINE ONDE	5.5	570	2,1, 1	R8070	1-260-316-51		100		1/2W
R5214	1-249-429-11	CARBON	10K	5%	1/4W	R8071	1-216-113-00		470K		1/10W
R5215	1-249-437-11	CARBON	47K	5%	1/4W	R8074	1-216-059-00	RES,CHIP	2.7K	5%	1/10W
R5216	1-249-422-11		2.7K	5%	1/4W	R8075	1-260-316-51	CARBON	100	5%	1/2W
R5217	1-249-429-11		10K	5%	1/4W	D0056	1 21 5 10 5 01	DEG GIVE	22077	-	4 /4 0 ** *
R5218	1-249-417-11	CARBON	1K	5%	1/4W	R8076	1-216-105-91	*	220K		1/10W
R8001	1-249-425-11	CAPRON	4.7K	5%	1/4W F	R8077 R8080	1-216-091-00 1-216-063-91	,	56K 3.9K		1/10W 1/10W
R8002	1-249-423-11		4.7K 15K	5%	1/4W F	R8081	1-216-077-91		15K	5%	1/10W
R8003	1-216-057-00		2.2K	5%	1/10W	R8082	1-216-073-00	*	10K	5%	1/10W
R8004	1-260-328-11	CARBON	1K	5%	1/2W						
R8005	1-215-925-11	METAL OXIDE	22K	5%	3W F	R8083	1-216-077-91	RES,CHIP	15K	5%	1/10W
						R8084	1-216-049-00		1K		1/10W
R8006	1-260-123-11		100K	5%	1/2W	R8085	1-249-377-11		0.47		1/4W F
R8007 R8008	1-215-925-11	METAL OXIDE	22K 2.7K	5% 5%	3W F 1/10W	R8086 R8087	1-216-049-00 1-216-073-00		1K 10K	5% 5%	1/10W 1/10W
R8009		METAL OXIDE	2.7K 2.7K	5%	1710W 1W F	K0007	1-210-073-00	KES,CHIF	101	370	1/10 W
R8010	1-216-025-00		100	5%	1/10W	R8091	1-216-067-00	RES.CHIP	5.6K	5%	1/10W
		,			-,	R8092	1-216-073-00	*	10K		1/10W
R8011	1-216-065-00	RES,CHIP	4.7K	5%	1/10W	R8093	1-216-049-00	RES,CHIP	1K	5%	1/10W
R8012		METAL OXIDE	1.5K	5%	3W F	R8094	1-216-067-00		5.6K		1/10W
R8013	1-216-065-00	,	4.7K	5%	1/10W	R8095	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R8014	1-216-073-00		10K	5%	1/10W	D0006	1 216 045 00	DEC CHID	C90	£0/	1/10337
R8015	1-216-049-00	RES,CHIP	1K	5%	1/10W	R8096 R8097	1-216-045-00 1-216-081-00		680 22K		1/10W 1/10W
R8016	1-215-918-00	METAL OXIDE	1.5K	5%	3W F	R8099	1-216-051-00		2.7K		1/10W 1/10W
R8017	1-216-073-00		10K	5%	1/10W	R8101	1-216-055-00		1.8K		1/10W
R8018	1-216-073-00		10K	5%	1/10W	R8102	1-216-073-00		10K	5%	1/10W
R8019	1-215-905-11	METAL OXIDE	10	5%	3W F						
R8020	1-215-918-00	METAL OXIDE	1.5K	5%	3W F	R8103	1-216-053-00		1.5K		1/10W
D0004	4 24 5 052 00	DEG GIVE	4077		4 /4 0***	R8105	1-216-689-11		39K		1/10W
R8021	1-216-073-00		10K	5%	1/10W	R8106	1-216-089-00		47K		1/10W
R8022 R8023	1-216-097-91	METAL OXIDE	100K 1.5K	5% 5%	1/10W 1W F	R8107 R8108	1-216-053-00 1-216-055-00		1.5K 1.8K		1/10W 1/10W
R8023	1-249-427-11		6.8K	5%	1/4W F	K0100	1-210-055-00	KL5,CIII	1.01	370	1/10 W
R8026		METAL OXIDE	47K	5%	2W F	R8109	1-208-806-11	METAL CHIP	10K	0.50%	1/10W
						R8110		METAL CHIP	15K		1/10W
R8027	1-216-059-00	,	2.7K	5%	1/10W	R8111		METAL CHIP	470	0.50%	1/10W
R8028	1-216-089-00		47K	5%	1/10W	R8112	1-216-077-91		15K		1/10W
R8030		METAL OXIDE	47K	5%	2W F	R8113	1-216-073-00	RES,CHIP	10K	5%	1/10W
R8031	1-216-073-00	*	10K	5%	1/10W 3W F	D0114	1-216-025-00	DEC CHID	100	50/	1/1037
R8032	1-213-918-00	METAL OXIDE	1.5K	5%	3W F	R8114 R8115	1-216-023-00	*	47K	5% 5%	1/10W 1/10W
R8033	1-215-902-11	METAL OXIDE	47K	5%	2W F	R8116	1-216-097-91		100K		1/10W 1/10W
R8034		METAL OXIDE	1.5K	5%	3W F	R8117		METAL CHIP	10K		1/10W
R8035		METAL OXIDE	1.5K	5%	3W F	R8118	1-216-053-00	RES,CHIP	1.5K	5%	1/10W
R8036	1-216-071-00		8.2K	5%	1/10W						
R8037	1-216-085-00	RES,CHIP	33K	5%	1/10W	R8119		METAL CHIP	470		1/10W
D0020	1 216 274 00	METAL OVIDE	0.7	50/	2337 E	R8120	1-216-049-00		1K		1/10W
R8038 R8039		METAL OXIDE METAL OXIDE	2.7 3.3	5% 5%	2W F 2W F	R8121 R8122	1-249-377-11 1-216-097-91		0.47 100K		1/4W F 1/10W
R8041		METAL OXIDE	47K	5%	2W F	R8123		METAL CHIP	47K		1/10W 1/10W
R8044	1-216-049-00		1K	5%	1/10W	10125	1 200 022 11	WEITE CITE	1711	0.5070	1/10 **
R8046	1-216-025-00	*	100	5%	1/10W	R8125	1-208-822-11	METAL CHIP	47K	0.50%	1/10W
						R8126	1-216-081-00	RES,CHIP	22K	5%	1/10W
R8049	1-216-049-00		1K	5%	1/10W	R8127	1-216-037-00		330		1/10W
R8050	1-260-117-11		33K	5%	1/2W	R8128	1-216-073-00		10K		1/10W
R8051	1-216-025-00	*	100	5%	1/10W	R8129	1-208-822-11	METAL CHIP	47K	0.50%	1/10W
R8055 R8057	1-260-087-11 1-216-045-00		100 680	5% 5%	1/2W 1/10W	R8132	1_208.806.11	METAL CHIP	10K	0.500/-	1/10W
1003/	1-210-043-00	KES,CIIIF	000	J 70	1/ 1 U VV	R8133		METAL CHIP	10K 120K		1/10W 1/10W
R8058	1-216-077-91	RES,CHIP	15K	5%	1/10W	R8134		METAL CHIP	150K		1/10W 1/10W
R8059	1-216-069-00	,	6.8K	5%	1/10W	R8135	1-216-097-91		100K		1/10W
R8060	1-216-057-00	*	2.2K	5%	1/10W	R8136	1-216-097-91	RES,CHIP	100K	5%	1/10W
R8064	1-216-377-11	METAL OXIDE	4.7	5%	2W F						

The components identified by shading and mark \triangle are critical for safety. Replace only with part number specified.

KP-53XBR300/61XBR300 manual RM-Y902 RM-Y902

The components identified by

in this manual
have been carefully factory-selected for each set in
order to satisfy regulations regarding X-ray
radiation. Should replacement be required, replace
only with the value originally used.



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REF. NO.	PART NO.	DESCRIPTION]	REMARK	REF. NO.	PART NO.	DESCRIPTION]	REMARK
R8137	1-208-806-11	METAL CHIP	10K	0.50%	1/10W	R8221	1-216-097-91	RES,CHIP	100K	5%	1/10W
R8138	1-216-025-00	RES,CHIP	100	5%	1/10W	R8222	1-216-093-91	RES,CHIP	68K	5%	1/10W
R8139	1-216-097-91	RES,CHIP	100K	5%	1/10W	R8223	1-216-079-00	RES,CHIP	18K	5%	1/10W
R8140	1-208-822-11	METAL CHIP	47K	0.50%	1/10W						
R8154	1-216-043-91		560		1/10W	R8224	1-216-067-00	RES.CHIP	5.6K	5%	1/10W
		,		- / -	.,	R8225	1-260-087-11		100	5%	1/2W
R8155	1-216-049-00	DEC CHID	1K	5%	1/10W	R8227	1-216-067-00		5.6K	5%	1/10W
R8156	1-214-745-00	· · · · · · · · · · · · · · · · · · ·	4.7K	1%	1/4W		1-216-067-00		5.6K	5%	1/10W 1/10W
					I .						
R8157		METAL CHIP	470		1/10W	R8229	1-216-093-91	кез,спіг	68K	5%	1/10W
R8160	1-214-747-00		5.6K	1%	1/4W	D0000		DEG GIVE	4077		4 /4 0777
R8161	1-215-423-00	METAL	1.2K	1%	1/4W	R8230	1-216-073-00	RES,CHIP	10K	5%	1/10W
R8162	1-214-757-00	METAL	15K	1%	1/4W						
R8163	1-214-757-00	METAL	15K	1%	1/4W			<spark gap=""></spark>			
R8164	1-214-757-00	METAL	15K	1%	1/4W						
R8165	1-214-757-00	METAL	15K	1%	1/4W	SG8002	1-519-422-11	GAP, SPARK			
R8166	1-208-814-91	METAL CHIP	22K	0.50%	1/10W						
R8167	1-216-057-00	RES CHIP	2.2K	5%	1/10W			<transformer< td=""><td>></td><td></td><td></td></transformer<>	>		
R8168		METAL CHIP	6.8K		1/10W			(TIU II IDI OIUVILIO			
R8170	1-216-097-91		100K		1/10W	T5001	1-437-200 11	TRANSFORMER,	HORIZON	ולו דען	RIVE
R8171	1-216-097-91		100K 100K		1/10W 1/10W			TRANSFORMER,			M V L
		· · · · · · · · · · · · · · · · · · ·									DIVE
R8172	1-216-073-00	RES,CHIP	10K	5%	1/10W			TRANSFORMER,			
								TRANSFORMER,		(LOT)	
R8173		METAL CHIP	18K		1/10W	T8003 △	1-453-285-11	FBT ASSY, NX-40	06/X4P		
R8174	1-216-025-00	· · · · · · · · · · · · · · · · · · ·	100	5%	1/10W						
R8175	1-216-073-00	RES,CHIP	10K	5%	1/10W						
R8176	1-216-073-00	RES,CHIP	10K	5%	1/10W			<thermistor></thermistor>			
R8177	1-216-462-00	METAL OXIDE	8.2K	5%	2W F						
						TH5001	1-800-193-00	THERMISTOR			
R8178	1-215-897-11	METAL OXIDE	6.8K	5%	2W F						
R8181	1-215-900-11	METAL OXIDE	22K	5%	2W F						
R8182	1-215-901-00	METAL OXIDE	33K	5%	2W F						
10102					2 YY 1						
					I .	*******	******	******	******	*****	*****
R8183	1-260-292-11	CARBON	1	5%	1/2W	******	*******	********	*******	*****	*****
		CARBON			I .					*****	*****
R8183 R8186	1-260-292-11 1-216-037-00	CARBON RES,CHIP	1 330	5% 5%	1/2W 1/10W			. HA BOARD, COM	PLETE	****	*****
R8183 R8186 R8187	1-260-292-11 1-216-037-00 1-215-901-00	CARBON RES,CHIP METAL OXIDE	1 330 33K	5% 5%	1/2W 1/10W 2W F				PLETE	****	*****
R8183 R8186 R8187 R8188	1-260-292-11 1-216-037-00 1-215-901-00 1-216-466-71	CARBON RES,CHIP METAL OXIDE METAL OXIDE	1 330 33K 39K	5% 5% 5%	1/2W 1/10W 2W F 2W F			. HA BOARD, COM	PLETE	****	*****
R8183 R8186 R8187 R8188 R8189	1-260-292-11 1-216-037-00 1-215-901-00 1-216-466-71 1-260-117-11	CARBON RES,CHIP METAL OXIDE METAL OXIDE CARBON	1 330 33K 39K 33K	5% 5% 5% 5% 5%	1/2W 1/10W 2W F 2W F 1/2W			. HA BOARD, COM	PLETE	****	*****
R8183 R8186 R8187 R8188 R8189 R8190	1-260-292-11 1-216-037-00 1-215-901-00 1-216-466-71 1-260-117-11 1-208-798-11	CARBON RES,CHIP METAL OXIDE METAL OXIDE CARBON METAL CHIP	1 330 33K 39K 33K 4.7K	5% 5% 5% 5% 5% 0.50%	1/2W 1/10W 2W F 2W F 1/2W 1/10W			. HA BOARD, COM ***********	PLETE	****	****
R8183 R8186 R8187 R8188 R8189	1-260-292-11 1-216-037-00 1-215-901-00 1-216-466-71 1-260-117-11 1-208-798-11	CARBON RES,CHIP METAL OXIDE METAL OXIDE CARBON	1 330 33K 39K 33K	5% 5% 5% 5% 5% 0.50%	1/2W 1/10W 2W F 2W F 1/2W			. HA BOARD, COM	PLETE	****	*****
R8183 R8186 R8187 R8188 R8189 R8190 R8191	1-260-292-11 1-216-037-00 1-215-901-00 1-216-466-71 1-260-117-11 1-208-798-11 1-208-806-11	CARBON RES,CHIP METAL OXIDE METAL OXIDE CARBON METAL CHIP METAL CHIP	1 330 33K 39K 33K 4.7K 10K	5% 5% 5% 5% 5% 0.50% 0.50%	1/2W 1/10W 2W F 2W F 1/2W 1/10W 1/10W	*	A-1372-448-A	. HA BOARD, COM ************************************	PLETE *****		
R8183 R8186 R8187 R8188 R8189 R8190 R8191	1-260-292-11 1-216-037-00 1-215-901-00 1-216-466-71 1-260-117-11 1-208-798-11 1-208-806-11	CARBON RES,CHIP METAL OXIDE METAL OXIDE CARBON METAL CHIP METAL CHIP METAL CHIP	1 330 33K 39K 33K 4.7K 10K	5% 5% 5% 5% 5% 0.50% 0.50%	1/2W 1/10W 2W F 2W F 1/2W 1/10W 1/10W 1/10W			. HA BOARD, COM ************************************	PLETE	*****	50V
R8183 R8186 R8187 R8188 R8189 R8190 R8191	1-260-292-11 1-216-037-00 1-215-901-00 1-216-466-71 1-260-117-11 1-208-798-11 1-208-806-11	CARBON RES,CHIP METAL OXIDE METAL OXIDE CARBON METAL CHIP METAL CHIP	1 330 33K 39K 33K 4.7K 10K	5% 5% 5% 5% 5% 0.50% 0.50%	1/2W 1/10W 2W F 2W F 1/2W 1/10W 1/10W	*	A-1372-448-A	. HA BOARD, COM ************************************	PLETE *****		
R8183 R8186 R8187 R8188 R8189 R8190 R8191 R8192 R8193 ■ R8194 △	1-260-292-11 1-216-037-00 1-215-901-00 1-216-466-71 1-260-117-11 1-208-798-11 1-208-806-11	CARBON RES,CHIP METAL OXIDE METAL OXIDE CARBON METAL CHIP METAL CHIP METAL CHIP	1 330 33K 39K 33K 4.7K 10K 6.8K 22K	5% 5% 5% 5% 5% 0.50% 0.50%	1/2W 1/10W 2W F 2W F 1/2W 1/10W 1/10W 1/10W	*	A-1372-448-A	. HA BOARD, COM ************************************	PLETE *****		
R8183 R8186 R8187 R8188 R8189 R8190 R8191 R8192 R8193 ■ R8194 △ R8195	1-260-292-11 1-216-037-00 1-215-901-00 1-216-466-71 1-260-117-11 1-208-798-11 1-208-806-11 1-208-802-11 1-208-814-91	CARBON RES,CHIP METAL OXIDE METAL OXIDE CARBON METAL CHIP METAL CHIP METAL CHIP CARBON METAL CHIP	1 330 33K 39K 33K 4.7K 10K	5% 5% 5% 5% 5% 0.50% 0.50% 0.50%	1/2W 1/10W 2W F 2W F 1/2W 1/10W 1/10W 1/10W	*	A-1372-448-A	. HA BOARD, COM ************************************	PLETE *****		
R8183 R8186 R8187 R8188 R8189 R8190 R8191 R8192 R8193 ■ R8194 △	1-260-292-11 1-216-037-00 1-215-901-00 1-216-466-71 1-260-117-11 1-208-798-11 1-208-806-11 1-208-802-11 1-208-814-91	CARBON RES,CHIP METAL OXIDE METAL OXIDE CARBON METAL CHIP METAL CHIP METAL CHIP METAL CHIP CARBON	1 330 33K 39K 33K 4.7K 10K 6.8K 22K	5% 5% 5% 5% 5% 0.50% 0.50% 0.50%	1/2W 1/10W 2W F 2W F 1/2W 1/10W 1/10W 1/10W 1/10W 1/4W	*C3101	A-1372-448-A	HA BOARD, COM ************ <capacitor> MYLAR <connector></connector></capacitor>	PLETE ****** 0.1μF		
R8183 R8186 R8187 R8188 R8189 R8190 R8191 R8192 R8193 ■ R8194 △ R8195	1-260-292-11 1-216-037-00 1-215-901-00 1-216-466-71 1-260-117-11 1-208-798-11 1-208-806-11 1-208-802-11 1-208-814-91	CARBON RES,CHIP METAL OXIDE METAL OXIDE CARBON METAL CHIP METAL CHIP METAL CHIP CARBON METAL CHIP	1 330 33K 39K 33K 4.7K 10K 6.8K 22K	5% 5% 5% 5% 5% 0.50% 0.50% 0.50%	1/2W 1/10W 2W F 2W F 1/2W 1/10W 1/10W 1/10W 1/10W 1/4W 1/10W	*C3101	A-1372-448-A	HA BOARD, COM ********* <capacitor> MYLAR</capacitor>	PLETE ****** 0.1μF		
R8183 R8186 R8187 R8188 R8189 R8190 R8191 R8192 R8193 ■ R8194 △ R8195	1-260-292-11 1-216-037-00 1-215-901-00 1-216-466-71 1-260-117-11 1-208-798-11 1-208-806-11 1-208-802-11 1-208-814-91	CARBON RES,CHIP METAL OXIDE METAL OXIDE CARBON METAL CHIP METAL CHIP METAL CHIP CARBON METAL CHIP CARBON METAL CHIP CARBON	1 330 33K 39K 33K 4.7K 10K 6.8K 22K	5% 5% 5% 5% 5% 0.50% 0.50% 0.50%	1/2W 1/10W 2W F 2W F 1/2W 1/10W 1/10W 1/10W 1/10W 1/4W 1/10W	C3101 CN3101*	A-1372-448-A 1-136-165-00 1-564-521-11	HA BOARD, COM ************ <capacitor> MYLAR <connector></connector></capacitor>	PLETE ****** 0.1μF OR 6P		
R8183 R8186 R8187 R8188 R8189 R8190 R8191 R8192 R8193 ■ R8194 △ R8195	1-260-292-11 1-216-037-00 1-215-901-00 1-216-466-71 1-260-117-11 1-208-798-11 1-208-806-11 1-208-802-11 1-208-814-91 1-208-814-91	CARBON RES,CHIP METAL OXIDE METAL OXIDE CARBON METAL CHIP METAL CHIP METAL CHIP CARBON METAL CHIP CARBON METAL CHIP CARBON CARBON	1 330 33K 39K 33K 4.7K 10K 6.8K 22K	5% 5% 5% 5% 0.50% 0.50% 0.50% 0.50%	1/2W 1/10W 2W F 2W F 1/2W 1/10W 1/10W 1/10W 1/10W 1/10W 1/4W 1/10W 1/4W	C3101 CN3101* CN3102*	A-1372-448-A 1-136-165-00 1-564-521-11 1-564-518-11	HA BOARD, COM ************ <capacitor> MYLAR <connector> PLUG, CONNECTOR</connector></capacitor>	PLETE ****** 0.1µF OR 6P OR 3P		
R8183 R8186 R8187 R8188 R8189 R8190 R8191 R8192 R8193 ■ R8194 △ R8195 ■ R8196 △	1-260-292-11 1-216-037-00 1-215-901-00 1-216-466-71 1-260-117-11 1-208-798-11 1-208-806-11 1-208-802-11 1-208-814-91 1-208-814-91 1-260-087-11	CARBON RES,CHIP METAL OXIDE METAL OXIDE CARBON METAL CHIP METAL CHIP METAL CHIP CARBON METAL CHIP CARBON METAL CHIP CARBON METAL CHIP CARBON METAL CHIP	1 330 33K 39K 33K 4.7K 10K 6.8K 22K 22K	5% 5% 5% 5% 0.50% 0.50% 0.50% 0.50%	1/2W 1/10W 2W F 2W F 1/2W 1/10W 1/10W 1/10W 1/10W 1/10W 1/4W 1/10W 1/4W	C3101 CN3101* CN3102*	A-1372-448-A 1-136-165-00 1-564-521-11 1-564-518-11	**************************************	PLETE ****** 0.1µF OR 6P OR 3P		
R8183 R8186 R8187 R8188 R8189 R8190 R8191 R8192 R8193 ■ R8194 △ R8195 ■ R8196 △ R8197 R8198	1-260-292-11 1-216-037-00 1-215-901-00 1-216-466-71 1-260-117-11 1-208-798-11 1-208-806-11 1-208-802-11 1-208-814-91 1-208-814-91 1-260-087-11 1-214-769-00	CARBON RES,CHIP METAL OXIDE METAL OXIDE CARBON METAL CHIP METAL CHIP METAL CHIP CARBON METAL CHIP CARBON METAL CHIP CARBON METAL CHIP CARBON	1 330 33K 39K 33K 4.7K 10K 6.8K 22K 22K	5% 5% 5% 5% 0.50% 0.50% 0.50% 0.50%	1/2W 1/10W 2W F 2W F 1/2W 1/10W 1/10W 1/10W 1/10W 1/10W 1/4W 1/4W 1/2W 1/4W	C3101 CN3101* CN3102*	A-1372-448-A 1-136-165-00 1-564-521-11 1-564-518-11	**************************************	PLETE ****** 0.1µF OR 6P OR 3P		
R8183 R8186 R8187 R8188 R8189 R8190 R8191 R8192 R8193 ■ R8194 △ R8195 ■ R8196 △ R8197 R8198 R8199 R8200	1-260-292-11 1-216-037-00 1-215-901-00 1-216-466-71 1-260-117-11 1-208-806-11 1-208-802-11 1-208-814-91 1-208-814-91 1-260-087-11 1-214-769-00 1-260-288-11 1-260-127-11	CARBON RES,CHIP METAL OXIDE METAL OXIDE CARBON METAL CHIP METAL CHIP METAL CHIP CARBON METAL CHIP CARBON METAL CHIP CARBON CARBON METAL CARBON CARBON CARBON	1 330 33K 39K 33K 4.7K 10K 6.8K 22K 22K	5% 5% 5% 5% 0.50% 0.50% 0.50% 0.50%	1/2W 1/10W 2W F 2W F 1/2W 1/10W 1/10W 1/10W 1/10W 1/4W 1/4W 1/4W 1/4W 1/2W 1/2W 1/2W	C3101 CN3101* CN3102*	A-1372-448-A 1-136-165-00 1-564-521-11 1-564-518-11	AHA BOARD, COM ************** <capacitor> MYLAR <connector> PLUG, CONNECTOR PLUG, CON</connector></capacitor>	PLETE ****** 0.1µF OR 6P OR 3P		
R8183 R8186 R8187 R8188 R8189 R8190 R8191 R8192 R8193 ■ R8194 △ R8195 ■ R8196 △ R8197 R8198 R8199	1-260-292-11 1-216-037-00 1-215-901-00 1-216-466-71 1-260-117-11 1-208-806-11 1-208-802-11 1-208-814-91 1-208-814-91 1-260-087-11 1-214-769-00 1-260-288-11 1-260-127-11	CARBON RES,CHIP METAL OXIDE METAL OXIDE CARBON METAL CHIP METAL CHIP METAL CHIP CARBON METAL CHIP CARBON METAL CHIP CARBON METAL CHIP CARBON	1 330 33K 39K 33K 4.7K 10K 6.8K 22K 22K	5% 5% 5% 5% 0.50% 0.50% 0.50% 0.50%	1/2W 1/10W 2W F 2W F 1/2W 1/10W 1/10W 1/10W 1/10W 1/4W 1/4W 1/4W 1/4W 1/4W	C3101 CN3101* CN3102*	A-1372-448-A 1-136-165-00 1-564-521-11 1-564-518-11	**************************************	PLETE ****** 0.1µF OR 6P OR 3P		
R8183 R8186 R8187 R8188 R8189 R8190 R8191 R8192 R8193 ■ R8194 △ R8195 ■ R8196 △ R8197 R8198 R8199 R8200	1-260-292-11 1-216-037-00 1-215-901-00 1-216-466-71 1-260-117-11 1-208-806-11 1-208-802-11 1-208-814-91 1-208-814-91 1-260-087-11 1-214-769-00 1-260-288-11 1-260-127-11	CARBON RES,CHIP METAL OXIDE METAL OXIDE CARBON METAL CHIP METAL CHIP METAL CHIP METAL CHIP CARBON METAL CHIP CARBON METAL CHIP CARBON CARBON METAL CARBON METAL CARBON METAL CARBON CARBON METAL CARBON	1 330 33K 39K 33K 4.7K 10K 6.8K 22K 22K	5% 5% 5% 5% 0.50% 0.50% 0.50% 0.50%	1/2W 1/10W 2W F 2W F 1/2W 1/10W 1/10W 1/10W 1/10W 1/4W 1/4W 1/2W 1/4W 1/2W 1/2W 1/4W	C3101 CN3101* CN3102* CN3103*	A-1372-448-A 1-136-165-00 1-564-521-11 1-564-518-11 1-564-518-11	AHA BOARD, COM ************* <capacitor> MYLAR <connector> PLUG, CONNECTO PLUG, CONNECTO PLUG, CONNECTO CONNE</connector></capacitor>	PLETE ****** 0.1µF OR 6P OR 3P OR 3P OR 3P	5%	
R8183 R8186 R8187 R8188 R8189 R8190 R8191 R8192 R8193 ■ R8194	1-260-292-11 1-216-037-00 1-215-901-00 1-216-466-71 1-260-117-11 1-208-806-11 1-208-802-11 1-208-814-91 1-208-814-91 1-260-087-11 1-214-769-00 1-260-288-11 1-260-127-11	CARBON RES,CHIP METAL OXIDE METAL OXIDE CARBON METAL CHIP METAL CHIP METAL CHIP METAL CHIP CARBON METAL CHIP CARBON METAL CHIP CARBON METAL CHIP CARBON METAL CARBON METAL CARBON METAL CARBON METAL CARBON METAL CARBON METAL METAL	1 330 33K 39K 33K 4.7K 10K 6.8K 22K 22K 100 47K 0.47 220K	5% 5% 5% 5% 0.50% 0.50% 0.50% 0.50% 0.50%	1/2W 1/10W 2W F 2W F 1/2W 1/10W 1/10W 1/10W 1/10W 1/4W 1/4W 1/2W 1/4W 1/2W 1/2W 1/4W	C3101 CN3101* CN3102* CN3103*	A-1372-448-A 1-136-165-00 1-564-521-11 1-564-518-11 1-564-518-11 8-719-053-43	**************************************	PLETE ****** 0.1µF OR 6P OR 3P OR 3P	5% EREO)	
R8183 R8186 R8187 R8188 R8189 R8190 R8191 R8192 R8193 ■ R8194 △ R8195 ■ R8196 △ R8197 R8198 R8199 R8200 ■ R8201 △ R8203	1-260-292-11 1-216-037-00 1-215-901-00 1-216-466-71 1-260-117-11 1-208-806-11 1-208-802-11 1-208-814-91 1-208-814-91 1-260-087-11 1-214-769-00 1-260-288-11 1-260-127-11	CARBON RES,CHIP METAL OXIDE METAL OXIDE CARBON METAL CHIP METAL CHIP METAL CHIP METAL CHIP CARBON METAL CHIP CARBON METAL CHIP CARBON METAL CHIP CARBON METAL CARBON METAL CARBON METAL CARBON METAL CARBON CARBON METAL CARBON	1 330 33K 39K 33K 4.7K 10K 6.8K 22K 22K 22K 100 47K 0.47 220K	5% 5% 5% 5% 0.50% 0.50% 0.50% 0.50%	1/2W 1/10W 2W F 2W F 1/2W 1/10W 1/10W 1/10W 1/10W 1/4W 1/4W 1/2W 1/2W 1/2W 1/4W 1/4W	C3101 CN3101* CN3102* CN3103*	A-1372-448-A 1-136-165-00 1-564-521-11 1-564-518-11 1-564-518-11 8-719-053-43	AHA BOARD, COM ************* <capacitor> MYLAR <connector> PLUG, CONNECTO PLUG, CONNECTO PLUG, CONNECTO CONNE</connector></capacitor>	PLETE ****** 0.1µF OR 6P OR 3P OR 3P	5% EREO)	
R8183 R8186 R8187 R8188 R8189 R8190 R8191 R8192 R8193 ■ R8194 △ R8195 ■ R8196 △ R8197 R8198 R8199 R8200 ■ R8201 △ R8203 R8204	1-260-292-11 1-216-037-00 1-216-466-71 1-260-117-11 1-208-798-11 1-208-806-11 1-208-814-91 1-208-814-91 1-208-814-91 1-260-087-11 1-214-769-00 1-260-288-11 1-208-826-11 1-208-832-11	CARBON RES,CHIP METAL OXIDE METAL OXIDE CARBON METAL CHIP METAL CHIP METAL CHIP CARBON METAL ME	1 330 33K 39K 33K 4.7K 10K 6.8K 22K 22K 22K 100 47K 0.47 220K	5% 5% 5% 5% 0.50% 0.50% 0.50% 0.50% 0.50%	1/2W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/14W 1/2W 1/2W 1/2W 1/4W 1/10W 1/4W 1/10W 1/4W 1/10W 1	C3101 CN3101* CN3102* CN3103*	A-1372-448-A 1-136-165-00 1-564-521-11 1-564-518-11 1-564-518-11 8-719-053-43	**************************************	PLETE ****** 0.1µF OR 6P OR 3P OR 3P	5% EREO)	
R8183 R8186 R8187 R8188 R8189 R8190 R8191 R8192 R8193 ■ R8194 △ R8195 ■ R8196 △ R8197 R8198 R8199 R8200 ■ R8201 △ R8201 △ R8203 R8204 R8208	1-260-292-11 1-216-037-00 1-215-901-00 1-216-466-71 1-260-117-11 1-208-806-11 1-208-802-11 1-208-814-91 1-208-814-91 1-260-087-11 1-214-769-00 1-260-288-11 1-260-127-11 1-208-826-11 1-208-832-11 1-260-087-11	CARBON RES,CHIP METAL OXIDE METAL OXIDE CARBON METAL CHIP METAL CHIP METAL CHIP CARBON METAL ME	1 330 33K 39K 33K 4.7K 10K 6.8K 22K 22K 22K 100 47K 0.47 220K	5% 5% 5% 5% 0.50% 0.50% 0.50% 0.50% 0.50% 5% 5% 0.50% 5%	1/2W 1/10W 1/10W F 2W F 1/2W 1/10W 1/10W 1/10W 1/10W 1/4W 1/10W 1/4W 1/2W 1/2W 1/2W 1/4W 1/10W 1/2W 1/2W 1/2W 1/10W 1/10W 1/10W 1/10W 1/10W 1/2W 1/10W 1/10W 1/2W 1/2W 1/2W 1/10W 1/10W 1/10W 1/2W 1/2W 1/2W 1/10W 1/10W 1/2W 1/2W 1/2W 1/10W 1/10W 1/2W 1/2W 1/2W 1/10W 1/10W 1/2W 1/10W	C3101 CN3101* CN3102* CN3103*	A-1372-448-A 1-136-165-00 1-564-521-11 1-564-518-11 1-564-518-11 8-719-053-43	.HA BOARD, COM ************* <capacitor> MYLAR <connector> PLUG, CONNECTO PLUG, CONNECTO PLUG, CONNECTO PLUG, CONNECTO PLUG, CONNECTO SIDODE DIODE SLR-325V DIODE SLR-325V</connector></capacitor>	PLETE ****** 0.1µF OR 6P OR 3P OR 3P	5% EREO)	
R8183 R8186 R8187 R8188 R8189 R8190 R8191 R8192 R8193 ■ R8194 △ R8195 ■ R8196 △ R8197 R8198 R8199 R8200 ■ R8201 △ R8203 R8204	1-260-292-11 1-216-037-00 1-216-466-71 1-260-117-11 1-208-798-11 1-208-806-11 1-208-814-91 1-208-814-91 1-208-814-91 1-260-087-11 1-214-769-00 1-260-288-11 1-208-826-11 1-208-832-11	CARBON RES,CHIP METAL OXIDE METAL OXIDE CARBON METAL CHIP METAL CHIP METAL CHIP CARBON METAL ME	1 330 33K 39K 33K 4.7K 10K 6.8K 22K 22K 22K 100 47K 0.47 220K	5% 5% 5% 5% 0.50% 0.50% 0.50% 0.50% 0.50%	1/2W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/14W 1/2W 1/2W 1/2W 1/4W 1/10W 1/4W 1/10W 1/4W 1/10W 1	C3101 CN3101* CN3102* CN3103*	A-1372-448-A 1-136-165-00 1-564-521-11 1-564-518-11 1-564-518-11 8-719-053-43	**************************************	PLETE ****** 0.1µF OR 6P OR 3P OR 3P	5% EREO)	
R8183 R8186 R8187 R8188 R8189 R8190 R8191 R8192 R8193 ■ R8194 △ R8195 ■ R8196 △ ■ R8201 △ ■ R8201 △ ■ R8202 △ ■ R8203 R8204 R8208 R8213	1-260-292-11 1-216-037-00 1-215-901-00 1-216-466-71 1-260-117-11 1-208-806-11 1-208-802-11 1-208-814-91 1-208-814-91 1-260-087-11 1-214-769-00 1-260-288-11 1-260-127-11 1-208-826-11 1-208-832-11 1-260-087-11 1-260-087-11	CARBON RES,CHIP METAL OXIDE METAL OXIDE CARBON METAL CHIP METAL CHIP METAL CHIP CARBON METAL CHIP CARBON METAL CHIP CARBON METAL CHIP CARBON METAL CARBON METAL M	1 330 33K 39K 33K 4.7K 10K 6.8K 22K 22K 22K 100 47K 0.47 220K	5% 5% 5% 5% 0.50% 0.50% 0.50% 0.50% 0.50% 5% 5% 5% 5%	1/2W 1/10W 1/10W F 2W F 1/2W 1/10W 1/10W 1/10W 1/10W 1/4W 1/2W 1/2W 1/4W 1/2W 1/4W 1/2W 1/4W 1/10W 1/4W 1/10W 1/4W 1/10W	C3101 CN3101* CN3102* CN3103* D3101 D3102	A-1372-448-A 1-136-165-00 1-564-521-11 1-564-518-11 1-564-518-11 8-719-053-43 8-719-053-43	**************************************	PLETE ****** 0.1µF OR 6P OR 3P OR 3P OR 3P	5% EREO) IER)	50V
R8183 R8186 R8187 R8188 R8189 R8190 R8191 R8192 R8193 ■ R8194 △ R8195 ■ R8196 △ ■ R8200 ■ R8201 △ ■ R8201 △ ■ R8202 △ ■ R8203 R8204 R8208 R8213	1-260-292-11 1-216-037-00 1-215-901-00 1-216-466-71 1-260-117-11 1-208-798-11 1-208-802-11 1-208-814-91 1-208-814-91 1-260-087-11 1-214-769-00 1-260-288-11 1-260-127-11 1-208-832-11 1-208-832-11 1-260-087-11 1-249-413-11 1-216-379-11	CARBON RES,CHIP METAL OXIDE METAL OXIDE CARBON METAL CHIP METAL CHIP METAL CHIP CARBON METAL CHIP CARBON METAL CHIP CARBON METAL CHIP CARBON METAL ME	1 330 33K 39K 33K 4.7K 10K 6.8K 22K 22K 22K 100 47K 0.47 220K 68K 120K 100 470	5% 5% 5% 5% 0.50% 0.50% 0.50% 0.50% 0.50% 5% 5% 5% 5%	1/2W 1/10W 1/10W F 2W F 1/2W 1/10W 1/10W 1/10W 1/10W 1/4W 1/10W 1/4W 1/2W 1/2W 1/4W 1/2W 1/4W 1/10W 1/4W 1/10W 1/4W 1/10W 1/10W 1/10W 1/10W 1/10W 1/2W 1/2W 1/2W 1/2W 1/2W 1/2W 1/2W 1/2	C3101 CN3101* CN3102* CN3103* D3101 D3102 R3101	A-1372-448-A 1-136-165-00 1-564-521-11 1-564-518-11 1-564-518-11 8-719-053-43 8-719-053-43	**************************************	PLETE ****** 0.1µF OR 6P OR 3P OR 3P OR 3P CCT31 (STE	5% EREO) IER)	50V 1/4W
R8183 R8186 R8187 R8188 R8189 R8190 R8191 R8192 R8193 ■ R8194 △ R8195 ■ R8196 △ ■ R8201 △	1-260-292-11 1-216-037-00 1-215-901-00 1-216-466-71 1-260-117-11 1-208-798-11 1-208-802-11 1-208-814-91 1-208-814-91 1-260-087-11 1-214-769-00 1-260-288-11 1-260-127-11 1-208-832-11 1-208-832-11 1-260-087-11 1-249-413-11 1-216-379-11 1-216-097-91	CARBON RES,CHIP METAL OXIDE METAL OXIDE CARBON METAL CHIP METAL CHIP METAL CHIP CARBON METAL CHIP CARBON METAL CHIP CARBON METAL CHIP CARBON METAL CARBON METAL CARBON METAL CARBON METAL CARBON METAL METAL METAL METAL METAL METAL CHIP CARBON	1 330 33K 39K 33K 4.7K 10K 6.8K 22K 22K 22K 22K 68K 120K 100 47V 0.47 220K	5% 5% 5% 5% 0.50% 0.50% 0.50% 0.50% 0.50% 5% 5% 5% 5%	1/2W 1/10W 1/10W F 2W F 1/2W 1/10W 1/10W 1/10W 1/10W 1/4W 1/10W 1/4W 1/2W 1/2W 1/4W 1/10W 1/4W 1/2W 1/2W 1/4W 1/10W 1/10	C3101 CN3101* CN3102* CN3103* D3101 D3102 R3101 R3102	A-1372-448-A 1-136-165-00 1-564-521-11 1-564-518-11 1-564-518-11 8-719-053-43 8-719-053-43 1-215-417-00 1-215-421-00	AHA BOARD, COM ************************************	PLETE ****** 0.1μF OR 6P OR 3P OR 3P OR 3P CCT31 (STE	5% EREO) IER)	50V 1/4W 1/4W
R8183 R8186 R8187 R8188 R8189 R8190 R8191 R8192 R8193 ■ R8194 △ R8195 ■ R8196 △ ■ R8201 △ ■ R8201 △ ■ R8201 △ ■ R8201 △ ■ R8201 △ ■ R8201 △ ■ R8201 △ ■ R8201 △ ■ R8201 △	1-260-292-11 1-216-037-00 1-215-901-00 1-216-466-71 1-260-117-11 1-208-798-11 1-208-802-11 1-208-814-91 1-208-814-91 1-260-087-11 1-214-769-00 1-260-288-11 1-260-127-11 1-208-832-11 1-208-832-11 1-260-087-11 1-249-413-11 1-216-379-11 1-216-097-91 1-216-093-91	CARBON RES,CHIP METAL OXIDE METAL OXIDE CARBON METAL CHIP METAL CHIP METAL CHIP CARBON METAL CHIP CARBON METAL CHIP CARBON METAL CHIP CARBON METAL CARBON METAL CARBON METAL CARBON METAL CARBON METAL METAL METAL METAL METAL METAL METAL CHIP CARBON CARBON CARBON METAL ME	1 330 33K 39K 33K 4.7K 10K 6.8K 22K 22K 22K 22K 68K 100 47K 0.47 220K 68S 100K 68S	5% 5% 5% 5% 0.50% 0.50% 0.50% 0.50% 5% 5% 5% 5% 5%	1/2W 1/10W 1/10W F 2W F 1/2W 1/10W 1/10W 1/10W 1/10W 1/4W 1/10W 1/4W 1/2W 1/2W 1/4W 1/10W 1/4W 1/10W 1/4W 1/10W 1/2W 1/10W 1/1	C3101 CN3101* CN3102* CN3103* D3101 D3102 R3101 R3102 R3103	A-1372-448-A 1-136-165-00 1-564-521-11 1-564-518-11 1-564-518-11 8-719-053-43 8-719-053-43 1-215-417-00 1-215-421-00 1-215-423-00	AHA BOARD, COM ************************************	PLETE ****** 0.1μF OR 6P OR 3P OR 3P OR 3P OR 3P CCT31 (STE	5% EREO) IER)	50V 1/4W 1/4W 1/4W
R8183 R8186 R8187 R8188 R8189 R8190 R8191 R8192 R8193 ■ R8194 △ R8195 ■ R8196 △ R8197 R8198 R8199 R8200 ■ R8201 △ ■ R8201 △ R8203 R8204 R8208 R8213 R8214 R8215 R8216 R8217	1-260-292-11 1-216-037-00 1-215-901-00 1-216-466-71 1-260-117-11 1-208-798-11 1-208-802-11 1-208-814-91 1-208-814-91 1-260-087-11 1-214-769-00 1-260-288-11 1-260-127-11 1-208-832-11 1-208-832-11 1-260-087-11 1-249-413-11 1-216-379-11 1-216-097-91	CARBON RES,CHIP METAL OXIDE METAL OXIDE CARBON METAL CHIP METAL CHIP METAL CHIP CARBON METAL CHIP CARBON METAL CHIP CARBON METAL CHIP CARBON METAL CARBON METAL CARBON METAL CARBON METAL CARBON METAL METAL METAL METAL METAL METAL METAL CHIP CARBON CARBON CARBON METAL ME	1 330 33K 39K 33K 4.7K 10K 6.8K 22K 22K 22K 22K 68K 120K 100 47V 0.47 220K	5% 5% 5% 5% 0.50% 0.50% 0.50% 0.50% 0.50% 5% 5% 5% 5%	1/2W 1/10W 1/10W F 2W F 1/2W 1/10W 1/10W 1/10W 1/10W 1/4W 1/10W 1/4W 1/2W 1/2W 1/4W 1/10W 1/4W 1/2W 1/2W 1/4W 1/10W 1/10	C3101 CN3101* CN3102* CN3103* D3101 D3102 R3101 R3102	A-1372-448-A 1-136-165-00 1-564-521-11 1-564-518-11 1-564-518-11 8-719-053-43 8-719-053-43 1-215-417-00 1-215-421-00	AHA BOARD, COM ************************************	PLETE ****** 0.1µF OR 6P OR 3P OR 3P OR 3P CCT31 (STE	5% EREO) IER)	50V 1/4W 1/4W
R8183 R8186 R8187 R8188 R8189 R8190 R8191 R8192 R8193 ■ R8194 △ R8195 ■ R8196 △ ■ R8201 △ ■ R8201 △ ■ R8201 △ ■ R8201 △ ■ R8201 △ ■ R8201 △ ■ R8201 △ ■ R8201 △ ■ R8201 △	1-260-292-11 1-216-037-00 1-215-901-00 1-216-466-71 1-260-117-11 1-208-798-11 1-208-802-11 1-208-814-91 1-208-814-91 1-260-087-11 1-214-769-00 1-260-288-11 1-260-127-11 1-208-832-11 1-208-832-11 1-260-087-11 1-249-413-11 1-216-379-11 1-216-097-91 1-216-093-91	CARBON RES,CHIP METAL OXIDE METAL OXIDE CARBON METAL CHIP METAL CHIP METAL CHIP CARBON METAL CARBON METAL CARBON METAL CARBON METAL METAL METAL METAL METAL METAL CHIP CARBON CARBON CARBON METAL MET	1 330 33K 39K 33K 4.7K 10K 6.8K 22K 22K 22K 22K 68K 100 47K 0.47 220K 68S 100K 68S	5% 5% 5% 5% 0.50% 0.50% 0.50% 0.50% 5% 5% 5% 5% 5%	1/2W 1/10W 1/10W F 2W F 1/2W 1/10W 1/10W 1/10W 1/10W 1/4W 1/10W 1/4W 1/2W 1/2W 1/4W 1/10W 1/4W 1/10W 1/4W 1/10W 1/2W 1/10W 1/1	C3101 CN3101* CN3102* CN3103* D3101 D3102 R3101 R3102 R3103	A-1372-448-A 1-136-165-00 1-564-521-11 1-564-518-11 1-564-518-11 8-719-053-43 8-719-053-43 1-215-417-00 1-215-421-00 1-215-423-00	AHA BOARD, COM ****************** <capacitor> MYLAR <connector> PLUG, CONNECTOR PLUG, CONNECTOR PLUG, CONNECTOR ADIODE DIODE DIODE SLR-325V <resistor> METAL METAL METAL METAL METAL METAL</resistor></connector></capacitor>	PLETE ****** 0.1μF OR 6P OR 3P OR 3P OR 3P OR 3P CCT31 (STE	5% EREO) MER) 1% 1% 1%	50V 1/4W 1/4W 1/4W
R8183 R8186 R8187 R8188 R8189 R8190 R8191 R8192 R8193 ■ R8194 △ R8195 ■ R8196 △ R8197 R8198 R8199 R8200 ■ R8201 △ ■ R8201 △ R8203 R8204 R8208 R8213 R8214 R8215 R8216 R8217	1-260-292-11 1-216-037-00 1-215-901-00 1-216-466-71 1-260-117-11 1-208-806-11 1-208-802-11 1-208-814-91 1-208-814-91 1-260-087-11 1-214-769-00 1-260-288-11 1-260-127-11 1-208-832-11 1-208-832-11 1-249-413-11 1-216-097-91 1-216-093-91 1-216-079-00	CARBON RES,CHIP METAL OXIDE METAL OXIDE CARBON METAL CHIP METAL CHIP METAL CHIP CARBON METAL CARBON METAL CARBON METAL CARBON METAL METAL METAL METAL METAL METAL CHIP CARBON CARBON CARBON METAL MET	1 330 33K 39K 33K 4.7K 10K 6.8K 22K 22K 22K 22K 100 47K 0.47 220K 68K 120K 100 470 6.8 100K 68K 18K	5% 5% 5% 5% 0.50% 0.50% 0.50% 0.50% 5% 5% 5% 5% 5% 5%	1/2W 1/10W 1/10W F 2W F 1/2W 1/10W 1/10W 1/10W 1/10W 1/4W 1/10W 1/4W 1/2W 1/2W 1/4W 1/10W 1/4W 1/10W 1	C3101 CN3101* CN3102* CN3103* D3101 D3102 R3101 R3102 R3103 R3104	A-1372-448-A 1-136-165-00 1-564-521-11 1-564-518-11 1-564-518-11 8-719-053-43 8-719-053-43 1-215-417-00 1-215-421-00 1-215-423-00 1-215-427-00	AHA BOARD, COM ****************** <capacitor> MYLAR <connector> PLUG, CONNECTOR PLUG, CONNECTOR PLUG, CONNECTOR ADIODE DIODE DIODE SLR-325V <resistor> METAL METAL METAL METAL METAL METAL</resistor></connector></capacitor>	PLETE ****** 0.1µF OR 6P OR 3P OR 3P OR 3P CCT31 (STE	5% EREO) 1% 1% 1% 1%	50V 1/4W 1/4W 1/4W 1/4W
R8183 R8186 R8187 R8188 R8189 R8190 R8191 R8192 R8193 ■ R8194 △ R8195 ■ R8196 △ R8197 R8198 R8199 R8200 ■ R8201 △ ■ R8201 △ R8203 R8204 R8208 R8213 R8214 R8215 R8216 R8217	1-260-292-11 1-216-037-00 1-215-901-00 1-216-466-71 1-260-117-11 1-208-806-11 1-208-802-11 1-208-814-91 1-208-814-91 1-260-087-11 1-214-769-00 1-260-288-11 1-260-127-11 1-208-832-11 1-208-832-11 1-249-413-11 1-216-097-91 1-216-093-91 1-216-079-00	CARBON RES,CHIP METAL OXIDE METAL OXIDE CARBON METAL CHIP METAL CHIP METAL CHIP CARBON METAL CHIP CARBON METAL CHIP CARBON METAL CHIP CARBON METAL CARBON METAL CARBON METAL CARBON METAL CARBON METAL META	1 330 33K 39K 33K 4.7K 10K 6.8K 22K 22K 22K 22K 100 47K 0.47 220K 68K 120K 100 470 6.8 100K 68K 18K	5% 5% 5% 5% 0.50% 0.50% 0.50% 0.50% 5% 5% 5% 5% 5% 5%	1/2W 1/10W 1/10W F 2W F 1/2W 1/10W 1/10W 1/10W 1/10W 1/4W 1/10W 1/4W 1/2W 1/2W 1/4W 1/10W 1/4W 1/10W 1	C3101 CN3101* CN3102* CN3103* D3101 D3102 R3101 R3102 R3103 R3104	A-1372-448-A 1-136-165-00 1-564-521-11 1-564-518-11 1-564-518-11 8-719-053-43 8-719-053-43 1-215-417-00 1-215-421-00 1-215-423-00 1-215-427-00	AHA BOARD, COM ****************** <capacitor> MYLAR <connector> PLUG, CONNECTOR PLUG, CONNECTOR PLUG, CONNECTOR ADIODE DIODE DIODE SLR-325V <resistor> METAL METAL METAL METAL METAL METAL</resistor></connector></capacitor>	PLETE ****** 0.1µF OR 6P OR 3P OR 3P OR 3P CCT31 (STE	5% EREO) 1% 1% 1% 1%	50V 1/4W 1/4W 1/4W 1/4W
R8183 R8186 R8187 R8188 R8189 R8190 R8191 R8192 R8193 ■ R8194	1-260-292-11 1-216-037-00 1-215-901-00 1-216-466-71 1-260-117-11 1-208-806-11 1-208-802-11 1-208-814-91 1-208-814-91 1-208-814-91 1-260-087-11 1-214-769-00 1-260-288-11 1-260-127-11 1-208-832-11 1-208-832-11 1-249-413-11 1-216-097-91 1-216-093-91 1-216-079-00 1-216-067-00	CARBON RES,CHIP METAL OXIDE METAL OXIDE CARBON METAL CHIP METAL CHIP METAL CHIP CARBON METAL CHIP CARBON CARBON METAL CHIP CARBON METAL CARBON METAL CARBON CARBON METAL CARBON METAL MET	1 330 33K 39K 33K 4.7K 10K 6.8K 22K 22K 22K 22K 100 47K 0.47 220K 68K 120K 100 47O 6.8 100K 68K 150K	5% 5% 5% 5% 0.50% 0.50% 0.50% 0.50% 5% 5% 5% 5% 5% 5%	1/2W 1/10W 1/10W F 1/2W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/2W 1/2W 1/4W 1/10W 1/1	C3101 CN3101* CN3102* CN3103* D3101 D3102 R3101 R3102 R3103 R3104	A-1372-448-A 1-136-165-00 1-564-521-11 1-564-518-11 1-564-518-11 8-719-053-43 8-719-053-43 1-215-417-00 1-215-421-00 1-215-423-00 1-215-427-00	AHA BOARD, COM ****************** <capacitor> MYLAR <connector> PLUG, CONNECTOR PLUG, CONNECTOR PLUG, CONNECTOR ADIODE DIODE DIODE SLR-325V <resistor> METAL METAL METAL METAL METAL METAL</resistor></connector></capacitor>	PLETE ****** 0.1µF OR 6P OR 3P OR 3P OR 3P CCT31 (STE	5% EREO) 1% 1% 1% 1%	50V 1/4W 1/4W 1/4W 1/4W



REF. NO.	PART NO.	DESCRIPTION			REMARK	REF. NO.	PART NO.	DESCRIPTION			REMARK
		<switch></switch>					* A-1372-450-A	A HC BOARD, COM	IPLETE		
S3101 S3102 S3103 S3104 S3105	1-572-198-11 1-572-198-11 1-572-198-11	SWITCH, KEYBO SWITCH, KEYBO SWITCH, KEYBO SWITCH, KEYBO SWITCH, KEYBO	OARD (CH - OARD (CH - OARD (VOL	+) ·) ·+)		CN3301	* 1-564-518-11	******* <connector> PLUG, CONNECT</connector>	OR 3P		
S3106	1-572-198-11	SWITCH, KEYBO	OARD (TV/V	VIDEC))			<diode></diode>			
						D2201	0.710.100.00		D.a		
*****	******	*********	*******	*****	******	D3301 D3302		DIODE RD5.6ES DIODE RD5.6ES			
*	A-1372-449-A	HB BOARD, COM						<resistor></resistor>			
		<connector></connector>				R3301 R3302	1-247-807-31 1-247-807-31		100 100	5% 5%	1/4W 1/4W
CD 10201 #	1.564.506.11		TOD 11D								
		PLUG, CONNECT PLUG, CONNECT				*******	*******	*******	******	*****	*****
		<diode></diode>					* A-1373-761-A	A U BOARD, COMP			
D2201	0.710.100.12		5 7								
D3201 D3202	8-719-108-12	DIODE RD9.1EV	V					CADA CITOD.			
D3203 D3204		DIODE RD9.1EV						<capacitor></capacitor>			
D3205	8-719-108-12	DIODE RD9.1EV	V			C3501 C3502		CERAMIC CHIP CERAMIC CHIP	0.22μF 0.1μF	10%	16V 25V
D3206	8-719-108-12	DIODE RD9.1EV	V			C3504 C3505	1-107-823-11	CERAMIC CHIP CERAMIC CHIP	0.47μF 0.47μF	10% 10%	16V 16V
		<jack></jack>						<connector></connector>			
J3201	1-770-361-11	TERMINAL BLO	CK, S (VIDI	EO-2 I	N)	CN2501	* 1 564 500 11	PLUG, CONNECT	YOD 7D		
		DECICTOR				CNSSUI	1-304-322-11	FLOG, CONNECT	OK /F		
D2201	1 247 004 11	<resistor></resistor>	7.5	5 0/	1 /4337			<diode></diode>			
R3201 R3202	1-247-804-11 1-249-417-11		75 1K	5% 5%	1/4W 1/4W	D3501	8-719-073-01	DIODE MA111-(I	K8).S0		
R3203 R3204	1-247-804-11 1-247-804-11		75 75	5% 5%	1/4W 1/4W	D3502 D3503		DIODE MA111-(I			
R3204	1-247-895-91		470K	5%	1/4W 1/4W	D3503		DIODE RD5.6SB			
R3206	1-247-895-91	CAPRON	470K	5%	1/4W	D3505	8-719-977-28	DIODE DTZ10B			
R3207	1-215-441-00		6.8K	1%	1/4W 1/4W	D3506	8-719-977-28	DIODE DTZ10B			
R3209	1-215-451-00	METAL	18K	1%	1/4W	D3507 D3508		DIODE DTZ10B DIODE DTZ10B			
		<switch></switch>									
S3201	1-572-198-11	SWITCH, KEYBO	OARD (FLA	SH FC	OCUS)			<jack></jack>			
S3202		SWITCH, KEYBO			,	J3501 J3502 J3503	1-764-143-11	JACK 3P (CONTR JACK 3P (CONTR JACK BLOCK, PII	OL S OUT		
******	******	*********	********	*****	******						HD/VD)
								<transistor></transistor>			
						Q3501 Q3502		TRANSISTOR D'TRANSISTOR D'TRANSISTOR D'	TC144EKA		

Q3503 8-729-216-22 TRANSISTOR 2SA1162-G

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REF. NO.	PART NO.	DESCRIPTION			REMARK	REF. NO.	PART NO.	DESCRIPTION			REMARK
Q3504	8-729-216-22	TRANSISTOR	2SA1162-G			C2130	1-137-434-11	MYLAR	0.0018µF	5%	50V
Q3505		TRANSISTOR				C2131	1-130-495-00		0.1μF	5%	50V
Q3506	1-801-806-11	TRANSISTOR	DTC144EKA	-T146		C2132	1-130-495-00	MYLAR	0.1µF	5%	50V
Q3507	8-729-422-27	TRANSISTOR	2SD601A-Q			C2133	1-130-495-00	MYLAR	0.1µF	5%	50V
						C2134	1-137-365-11	MYLAR	$0.0015 \mu F$	5%	50V
						C2135	1-136-356-11	MYLAR	470pF	5%	50V
		<resistor></resistor>				C2136	1-136-357-11	MYLAR	680pF	5%	50V
R3501	1-216-089-91		47K	5%	1/10W	C2137	1-137-437-11	MYLAR	$0.0056 \mu F$	5%	50V
R3502	1-216-057-00	,	2.2K	5%	1/10W	C2138	1-137-374-11		$0.047 \mu F$	5%	50V
R3503	1-216-009-91		22	5%	1/10W	C2139	1-136-175-00		0.68µF	5%	50V
R3504	1-216-073-00	,	10K	5%	1/10W	C2140	1-137-378-11		0.22μF	5%	50V
R3506	1-216-009-91	KES,CHIP	22	5%	1/10W	C2141	1-137-378-11	MYLAK	0.22μF	5%	50V
R3507	1-216-097-91	RES,CHIP	100K	5%	1/10W	C2142	1-126-963-11	ELECT	$4.7\mu F$	20%	50V
R3508	1-216-097-91	RES,CHIP	100K	5%	1/10W	C2143	1-126-963-11	ELECT	$4.7\mu F$	20%	50V
R3510	1-216-073-00	RES,CHIP	10K	5%	1/10W	C2144	1-137-378-11	MYLAR	$0.22\mu F$	5%	50V
R3511	1-216-295-91		0			C2145	1-137-378-11		$0.22\mu F$	5%	50V
R3512	1-216-073-00	RES,CHIP	10K	5%	1/10W	C2146	1-130-495-00	MYLAR	0.1μF	5%	50V
R3513	1-216-097-91	RES,CHIP	100K	5%	1/10W	C2147	1-137-374-11	MYLAR	$0.047 \mu F$	5%	50V
R3514	1-216-097-91	RES,CHIP	100K	5%	1/10W	C2148	1-137-374-11	MYLAR	0.047μF	5%	50V
R3515	1-216-057-00	RES,CHIP	2.2K	5%	1/10W	C2149	1-130-495-00	MYLAR	0.1µF	5%	50V
R3516	1-216-025-91	RES,CHIP	100	5%	1/10W	C2150	1-130-495-00	MYLAR	$0.1 \mu F$	5%	50V
R3517	1-216-057-00	RES,CHIP	2.2K	5%	1/10W	C2151	1-137-372-11	MYLAR	0.022μF	5%	50V
R3518	1-216-025-91	RES CHIP	100	5%	1/10W	C2152	1-137-372-11	MYLAR	0.022µF	5%	50V
10010	1 210 020 71	1125,0111	100	270	1,1011	C2153	1-130-495-00		0.1µF	5%	50V
						C2154	1-136-357-11		680pF	5%	50V
						C2155	1-130-495-00	MYLAR	0.1µF	5%	50V
******	*******	******	******	****	*****	C2156	1-130-495-00	MYLAR	0.1μF	5%	50V
*	A-1380-618-A	K BOARD, CON	//PLETE			C2157	1-126-965-11	ELECT	22μF	20%	50V
	11 1500 010 1	*******				C2158	1-126-964-11		10μF	20%	50V
						C2159	1-137-437-11		0.0056µF	5%	50V
	4-382-854-11	SCREW(M3X10), P, SW (+)			C2160	1-128-549-11	ELECT	3300µF	20%	35V
						C2161	1-128-549-11	ELECT	3300µF	20%	35V
		<capacitor></capacitor>				C2162	1-130-495-00	MYLAR	0.1µF	5%	50V
		(CHITICHTOID				C2163	1-130-495-00		0.1µF	5%	50V
C2103	1-104-664-11	ELECT	47μF	20%	25V	C2164	1-107-698-11		10μF	20%	25V
C2104	1-104-664-11	ELECT	47μF	20%	25V	C2165	1-107-698-11	ELECT	10μF	20%	25V
C2105	1-104-664-11		47μF	20%	25V	C2166	1-126-965-11		22μF	20%	50V
C2106	1-104-664-11	ELECT	47μF	20%	25V				•		
C2107	1-104-664-11		47μF	20%	25V	C2167	1-126-935-11	ELECT	470μF	20%	16V
						C2168	1-126-933-11	ELECT	100μF	20%	16V
C2108	1-104-664-11		47μF	20%	25V	C2169	1-136-357-11	MYLAR	680pF	5%	50V
C2111		CERAMIC CHII			50V	C2170	1-130-495-00		$0.1\mu F$	5%	50V
C2112		CERAMIC CHII			50V	C2171	1-130-495-00	MYLAR	0.1µF	5%	50V
C2113		CERAMIC CHII			50V						
C2114	1-164-161-11	CERAMIC CHII	P 0.0022μF	10%	50V	C2172	1-104-664-11		47μF	20%	25V
60115	1 164 161 11	CED AND CHI	0 0000 F	100/	5017	C2173	1-104-664-11		47μF	20%	25V
C2115		CERAMIC CHII			50V	C2174	1-126-933-11		100μF	20%	16V
C2116		CERAMIC CHII			50V	C2176		CERAMIC CHIP	0.0022μF		50V
C2117 C2118	1-104-664-11 1-130-495-00		47μF 0.1μF	20% 5%	25V 50V	C2177	1-104-101-11	CERAMIC CHIP	0.0022μF	10%	50V
C2118 C2121	1-130-493-00		•		50V 50V	C2179	1 16/ 161 11	CED A MIC CHID	0.00220E	1.00/	50V
C2121	1-120-903-11	LLEC I	22μF	20%	30 V	C2178 C2301	1-104-101-11	CERAMIC CHIP	0.0022μF 1μF	10% 20%	50V 50V
C2122	1-136-177-00	MYLAR	1μF	5%	50V	C2301	1-126-960-11		1μΓ 1μF	20%	50V
C2122 C2123	1-130-177-00		1μΓ 0.01μF	5%	50V	C2302	1-126-965-11		1μΓ 22μF	20%	50V
C2123	1-137-365-11			5%	50V	C2303		CERAMIC CHIP	$0.0027 \mu F$		50V
C2124	1-137-305-11		0.0015µ1 0.068µF	5%	50V	C2307	1 100 014-00	CLICIONIC CIII	5.002/μι	5 /0	201
C2126	1-130-495-00		0.1μF	5%	50V	C2305	1-163-014-00	CERAMIC CHIP	0.0027µF	5%	50V
22.20			Po-	- / 5		C2306	1-126-961-11		2.2μF	20%	50V
C2127	1-130-495-00	MYLAR	$0.1 \mu F$	5%	50V	C2307	1-130-495-00		0.1μF	5%	50V
C2128	1-137-375-11		0.068µF	5%	50V	C2308	1-130-495-00		0.1μF	5%	50V
C2129	1-137-370-11	MYLAR	0.01µF	5%	50V	C2309	1-130-495-00	MYLAR	0.1μF	5%	50V



REF. NO.	PART NO.	DESCRIPTION			REMARK	REF. NO.	PART NO.	DESCRIP	TION	REMARK
C2310	1-130-495-00	MYLAR	0.1µF	5%	50V	CN2103*	1-564-513-11	PLUG, C	CONNECTOR 10P	
C2311	1-126-961-11		2.2μF	20%	50V				CONNECTOR 4P	
C2312	1-126-965-11	ELECT	22μF	20%	50V	CN2602*	1-691-135-11	PIN, CO	NNECTOR (PC BOARD)	₽P
C2313		CERAMIC CHIP	0.0027µF	5%	50V			,	,	
C2314		CERAMIC CHIP	0.0027μF		50V	CN2603*	* 1-691-134-11	PIN, CO	NNECTOR (PC BOARD) 2	2P
C2315	1-126-961-11	ELECT	2.2μF	20%	50V					
C2316	1-130-495-00	MYLAR	$0.1\mu F$	5%	50V			<diode< td=""><td>Ξ></td><td></td></diode<>	Ξ>	
C2317	1-130-495-00	MYLAR	0.1µF	5%	50V					
C2318	1-130-495-00	MYLAR	$0.1\mu F$	5%	50V	D2101	8-719-073-01	DIODE	MA111-(K8).S0	
C2319	1-130-495-00	MYLAR	0.1µF	5%	50V	D2102	8-719-073-01	DIODE	MA111-(K8).S0	
						D2103	8-719-073-01	DIODE	MA111-(K8).S0	
C2320	1-126-961-11	ELECT	2.2μF	20%	50V	D2104			MA111-(K8).S0	
C2321	1-107-698-11	ELECT	10μF	20%	25V	D2105	8-719-073-01	DIODE	MA111-(K8).S0	
C2322	1-107-698-11	ELECT	10μF	20%	25V					
C2323	1-107-698-11	ELECT	10μF	20%	25V	D2106	8-719-073-01	DIODE	MA111-(K8).S0	
C2324	1-107-698-11	ELECT	10μF	20%	25V	D2107	8-719-073-01	DIODE	MA111-(K8).S0	
						D2108	8-719-073-01	DIODE	MA111-(K8).S0	
C2325	1-126-964-11	ELECT	10μF	20%	50V	D2109			MA111-(K8).S0	
C2326	1-126-964-11	ELECT	10μF	20%	50V	D2110	8-719-073-01	DIODE	MA111-(K8).S0	
C2327	1-104-664-11	ELECT	47μF	20%	25V					
C2328	1-104-664-11	ELECT	47μF	20%	25V	D2111	8-719-073-01	DIODE	MA111-(K8).S0	
C2329	1-104-664-11		47μF	20%	25V	D2112			MA111-(K8).S0	
			•			D2113	8-719-977-28			
C2601	1-126-960-11	ELECT	1µF	20%	50V	D2114	8-719-977-28			
C2602	1-126-964-11		10μF	20%	50V	D2115	8-719-977-28			
C2605	1-126-964-11		10μF	20%	50V					
C2606	1-126-963-11	ELECT	4.7μF	20%	50V	D2116	8-719-073-01	DIODE	MA111-(K8).S0	
C2607	1-130-495-00		0.1µF	5%	50V	D2301	8-719-977-28			
						D2302	8-719-977-28			
C2608	1-126-960-11	ELECT	1µF	20%	50V	D2303	8-719-977-28			
C2609	1-130-495-00		0.1µF	5%	50V	D2304	8-719-977-28			
C2610	1-130-495-00		0.1µF	5%	50V					
C2611	1-130-495-00		0.1µF	5%	50V	D2601	8-719-073-01	DIODE	MA111-(K8).S0	
C2612	1-126-960-11		1μF	20%	50V	D2602			MA3220M-TX	
			F -			D2603			MA3220M-TX	
C2613	1-126-963-11	ELECT	4.7µF	20%	50V	D2604	8-719-402-92	DIODE	MA3220M-TX	
C2614	1-126-960-11		1μF	20%	50V	D2605			MA3220M-TX	
C2615	1-126-964-11		10μF	20%	50V					
C2617	1-130-495-00	MYLAR	0.1µF	5%	50V	D2606	8-719-402-92	DIODE	MA3220M-TX	
C2618	1-130-495-00		0.1µF	5%	50V	D2607	8-719-402-92	DIODE	MA3220M-TX	
			•			D2608	8-719-402-92	DIODE	MA3220M-TX	
C2619	1-130-495-00	MYLAR	$0.1 \mu F$	5%	50V	D2609	8-719-402-92	DIODE	MA3220M-TX	
C2620	1-126-963-11		4.7μF	20%	50V	D2610			MA3220M-TX	
C2621	1-126-960-11	ELECT	1μF	20%	50V					
C2622	1-130-495-00		0.1µF	5%	50V	D2611	8-719-073-01	DIODE	MA111-(K8).S0	
C2623	1-126-964-11		10µF	20%	50V	D2612			MA111-(K8).S0	
			•			D2613	8-719-073-01	DIODE	MA111-(K8).S0	
C2624	1-126-964-11	ELECT	10μF	20%	50V	D2614	8-719-402-92	DIODE	MA3220M-TX	
C2625	1-104-664-11		47μF	20%	25V	D2615			MA3220M-TX	
C2626	1-104-664-11	ELECT	47μF	20%	25V					
C2627	1-130-495-00	MYLAR	0.1µF	5%	50V	D2616	8-719-402-92	DIODE	MA3220M-TX	
C2628	1-130-495-00		0.1µF	5%	50V	D2617			MA3220M-TX	
			•			D2618			MA111-(K8).S0	
C2631	1-104-665-11	ELECT	100μF	20%	25V	D2620			MA3220M-TX	
C2632	1-104-665-11		100μF	20%	25V	D2621	8-719-977-28			
C2633	1-107-718-91		100μF	20%	50V					
C2801	1-126-960-11		1μF	20%	50V	D2622	8-719-977-28	DIODE	DTZ10B	
C2802	1-126-960-11		1μF	20%	50V	D2623	8-719-977-28			
						D2624	8-719-977-28			
C2803	1-126-964-11	ELECT	10μF	20%	50V	D2801	8-719-400-75			
C2804	1-126-964-11		10μF	20%	50V	D2802	8-719-400-75			
						D2803	8-719-400-75	DIODE	MA3091	
		<connector></connector>				D2803 D2804	8-719-400-75			
		.551.1.1201010				D2805	8-719-400-75			
CN2101*	* 1-691-757-11	PIN, CONNECTO	R (PC BOA)	RD) 8I	,	D2806	8-719-400-75			
		PLUG, CONNECT	*	., 01		D2807	8-719-400-75			
		,			1			_		



REF. NO.	PART NO.	DESCRIPTION		R	REMARK	REF. NO.	PART NO.	DESCRIPTION			REMARK
D2808		DIODE MA3091		_		R2116			4.7K	50/	1/10W
D2808	6-719-400-73	DIODE MASO91				R2116 R2117	1-216-065-91 1-216-089-91		4.7K 47K	5% 5%	1/10W 1/10W
						R2118	1-216-065-91		4.7K	5%	1/10W
		<ic></ic>				R2119	1-216-081-00	*	22K	5%	1/10W
IC2102	8-759-231-53	IC TA7805S				R2120	1-216-081-00	RES.CHIP	22K	5%	1/10W
IC2102		IC PQ09RF21				R2121	1-216-109-00		330K	5%	1/10W
IC2104		IC TA7812S				R2122	1-216-089-91		47K	5%	1/10W
IC2105	8-759-544-37	IC NJW1103FC3				R2123	1-216-077-91		15K	5%	1/10W
IC2301		IC M5218AP				R2124	1-216-077-91		15K	5%	1/10W
IC2302	8-759-544-72	IC TDA7312				R2125	1-216-081-00	RES CHIP	22K	5%	1/10W
IC2303		IC TDA7312				R2126	1-216-081-00		22K	5%	1/10W
IC2601		IC TDA7265				R2127	1-216-129-00		2.2M	5%	1/10W
IC2602		IC TDA2052				R2128	1-216-097-91		100K	5%	1/10W
IC2603		IC TDA7265				R2129	1-216-105-91		220K	5%	1/10W
						R2133	1-216-025-91	RES CHIP	100	5%	1/10W
		<jack></jack>				R2134	1-216-025-91		100	5%	1/10W
		JACK				R2135	1-216-025-91		100	5%	1/10W
J2601	1 795 093 11	JACK BLOCK, PIN 21	D			R2136	1-216-025-91		100	5%	1/10W 1/10W
J2602		JACK BLOCK, PIN 21				R2130	1-216-025-91		1K	5%	1/10W
J2002	1-703-003-21	JACK BLOCK, FIN 21	Γ			K2137	1-210-049-91	KE3,CHIF	1K	370	1/10 vv
						R2138	1-216-049-91	RES,CHIP	1K	5%	1/10W
		<transistor></transistor>				R2139	1-216-081-00	RES,CHIP	22K	5%	1/10W
						R2140	1-216-081-00	RES,CHIP	22K	5%	1/10W
Q2101	8-729-422-27	TRANSISTOR 2SD6	01A-Q			R2141	1-216-065-91	RES,CHIP	4.7K	5%	1/10W
Q2102		TRANSISTOR 2SD6				R2142	1-216-073-00	RES,CHIP	10K	5%	1/10W
Q2103	8-729-216-22	TRANSISTOR 2SA1	162-G								
Q2104	8-729-216-22	TRANSISTOR 2SA1	162-G			R2143	1-216-025-91	RES,CHIP	100	5%	1/10W
Q2105	8-729-422-27	TRANSISTOR 2SD6	01A-Q			R2144	1-216-077-91	RES,CHIP	15K	5%	1/10W
						R2145	1-216-089-91	RES,CHIP	47K	5%	1/10W
Q2601	8-729-422-27	TRANSISTOR 2SD6	01A-Q			R2146	1-216-077-91	RES,CHIP	15K	5%	1/10W
Q2602		TRANSISTOR 2SD6				R2147	1-216-129-00	RES,CHIP	2.2M	5%	1/10W
Q2603		TRANSISTOR 2SA1									
Q2604		TRANSISTOR 2SD6	-			R2148	1-216-077-91		15K	5%	1/10W
Q2605	8-729-422-27	TRANSISTOR 2SD6	01A-Q			R2149	1-216-077-91	*	15K	5%	1/10W
						R2164	1-216-071-00		8.2K	5%	1/10W
Q2606		TRANSISTOR 2SD6				R2165	1-216-071-00		8.2K	5%	1/10W
Q2607		TRANSISTOR 2SD6				R2166	1-216-065-91	RES,CHIP	4.7K	5%	1/10W
Q2608		TRANSISTOR 2SD6									
Q2609		TRANSISTOR 2SD6	-			R2167	1-216-109-00		330K	5%	1/10W
Q2610	8-729-216-22	TRANSISTOR 2SA1	162-G			R2301	1-216-089-91		47K	5%	1/10W
0.0004	0.500 100 05	TTD LANGUAGED AGD	.011.0			R2302	1-216-089-91		47K	5%	1/10W
Q2801		TRANSISTOR 2SD6				R2303	1-216-075-00		12K	5%	1/10W
Q2802		TRANSISTOR 2SD6	-			R2304	1-216-073-00	RES,CHIP	10K	5%	1/10W
Q2803		TRANSISTOR 2SD6	-			D2205	1 21 6 07 5 00	DEC CIUD	1017	50/	1 /1 0337
Q2804		TRANSISTOR 2SD6	_			R2305	1-216-075-00	*	12K	5%	1/10W
Q2805	8-729-422-27	TRANSISTOR 2SD6	01A-Q			R2306	1-216-073-00		10K	5%	1/10W
02006	0.700.400.07	TD ANGIGTOD ACD	014.0			R2307	1-216-089-91		47K	5%	1/10W
Q2806	8-729-422-27	TRANSISTOR 2SD6	01A-Q			R2308 R2309	1-216-089-91 1-216-067-00		47K	5%	1/10W
						K2309	1-210-007-00	RES,CHIP	5.6K	5%	1/10W
		<resistor></resistor>				R2310	1-216-067-00	*	5.6K	5%	1/10W
						R2311	1-216-067-00	*	5.6K	5%	1/10W
R2104		METAL OXIDE 27			3W F	R2312	1-216-067-00		5.6K	5%	1/10W
R2105		METAL OXIDE 15		% :	3W F	R2313	1-216-025-91		100	5%	1/10W
R2106	1-216-295-91					R2314	1-216-025-91	RES,CHIP	100	5%	1/10W
R2107		METAL OXIDE 15			3W F	D. 0.0		DEG CITE	100		4 /4 0
R2109	1-216-073-00	RES,CHIP 10)K 59	%	1/10W	R2315	1-216-025-91		100	5%	1/10W
	4.44-22	P.D. 01				R2316	1-216-025-91		100	5%	1/10W
R2110	1-216-081-00		2K 59		1/10W	R2601	1-216-009-91		22	5%	1/10W
R2111	1-216-025-91				1/10W	R2602	1-216-009-91		22	5%	1/10W
R2112	1-216-025-91				1/10W	R2604	1-216-039-00	KES,CHIP	390	5%	1/10W
R2113	1-216-025-91				1/10W	D2505	1.016.007.00	DEG CLUB	2277	5 07	1 /4 0377
R2114	1-216-121-91	RES,CHIP 1N	M 59	%	1/10W	R2605	1-216-085-00		33K	5%	1/10W
D2115	1 216 000 01	DEC CHID 47		0/	1/10337	R2606	1-216-039-00		390	5%	1/10W
R2115	1-216-089-91	KES,CHIP 4/	K 59	%0	1/10W	R2607	1-216-073-00	KES,CHIP	10K	5%	1/10W



REF. NO.	PART NO.	DESCRIPTION			REMARK	REF. NO.	PART NO.	DESCRIPTION]	REMARK
D2609	1 216 007 01	DEC CHID	100V	50/	1/10W	R2806	1 216 065 01	DEC CIUD	4 7V	50/	1/10337
R2608 R2609	1-216-097-91 1-216-073-00	· · · · · · · · · · · · · · · · · · ·	100K 10K	5% 5%	1/10W 1/10W	R2806 R2807	1-216-065-91 1-216-089-91		4.7K 47K	5% 5%	1/10W 1/10W
K2009	1-210-073-00	KL5,CIII	101	370	1/10 VV	R2808	1-216-089-91		47K 47K	5%	1/10W
R2610	1-216-077-91	RES.CHIP	15K	5%	1/10W	R2809	1-216-065-91		4.7K	5%	1/10W
R2611	1-216-085-00	*	33K	5%	1/10W	R2810	1-216-113-00		470K	5%	1/10W
R2612		METAL OXIDE	4.7	5%	1W F			,			-,
R2613	1-216-357-00	METAL OXIDE	4.7	5%	1W F	R2811	1-216-041-00	RES,CHIP	470	5%	1/10W
R2614	1-216-073-00		10K	5%	1/10W	R2813	1-216-113-00		470K	5%	1/10W
						R2814	1-216-041-00	RES,CHIP	470	5%	1/10W
R2616	1-216-063-91	RES,CHIP	3.9K	5%	1/10W	R2815	1-216-065-91	RES,CHIP	4.7K	5%	1/10W
R2618	1-216-295-91	SHORT	0			R2816	1-216-089-91	RES,CHIP	47K	5%	1/10W
R2619	1-216-057-00	RES,CHIP	2.2K	5%	1/10W						
R2620	1-216-065-91	RES,CHIP	4.7K	5%	1/10W	R2817	1-216-065-91	RES,CHIP	4.7K	5%	1/10W
R2621	1-216-009-91	RES,CHIP	22	5%	1/10W	R2818	1-216-089-91	· · · · · · · · · · · · · · · · · · ·	47K	5%	1/10W
						R2819	1-216-073-00		10K	5%	1/10W
R2622	1-216-081-00		22K	5%	1/10W	R2820	1-216-073-00	RES,CHIP	10K	5%	1/10W
R2623	1-216-039-00		390	5%	1/10W						
R2624	1-216-085-00		33K	5%	1/10W						
R2625	1-216-081-00		22K	5%	1/10W			<relay></relay>			
R2626	1-216-357-00	METAL OXIDE	4.7	5%	1W F	D110 co.1	4 555 000 44	DET 111			
D.0. < 0.5	4.44.5.000.04	DEG GIVE	4577		4 (4 0777	RY2601	1-755-028-11	RELAY			
R2627	1-216-089-91	*	47K	5%	1/10W						
R2628	1-216-089-91	/ -	47K	5%	1/10W			TED MILL DO	DD		
R2629	1-216-689-11		39K	5%	1/10W			<terminal boa<="" td=""><td>ARD></td><td></td><td></td></terminal>	ARD>		
R2630	1-216-049-91	*	1K	5%	1/10W	TD2601	1 604 441 11	TEDMINIAL DUG			
R2631	1-216-073-00	RES,CHIP	10K	5%	1/10W	TB2601		TERMINAL, PUSI			
D2622	1 216 072 00	DEC CHID	1017	50 /	1/10337	1B2602	1-694-442-11	TERMINAL, PUSI	1		
R2632	1-216-073-00	· · · · · · · · · · · · · · · · · · ·	10K	5%	1/10W						
R2633 R2634	1-216-097-91		100K 10K	5% 5%	1/10W 1/10W			<crystal></crystal>			
R2635	1-216-073-00							<crisial></crisial>			
R2636	1-216-077-91 1-216-085-00		15K 33K	5% 5%	1/10W 1/10W	X2101	1 577 259 21	VIBRATOR, CERA	MIC		
K2030	1-210-065-00	кез,спіг	33K	370	1/10 VV	A2101	1-377-336-21	VIBRATOR, CERA	AMIC		
R2637	1-216-041-00	RES CHIP	470	5%	1/10W						
R2637 R2638	1-216-041-00 1-216-041-00	· · · · · · · · · · · · · · · · · · ·	470 470	5% 5%	1/10W 1/10W						
R2638	1-216-041-00	RES,CHIP	470	5%	1/10W	*****	*******	*******	*****	*****	*****
R2638 R2639	1-216-041-00 1-216-079-00	RES,CHIP RES,CHIP	470 18K	5% 5%	1/10W 1/10W	*****	******	*******	*****	:****	****
R2638	1-216-041-00 1-216-079-00 1-216-041-00	RES,CHIP RES,CHIP RES,CHIP	470	5%	1/10W			**************************************		****	****
R2638 R2639 R2640	1-216-041-00 1-216-079-00	RES,CHIP RES,CHIP RES,CHIP	470 18K 470	5% 5% 5%	1/10W 1/10W 1/10W				PLETE	****	*****
R2638 R2639 R2640	1-216-041-00 1-216-079-00 1-216-041-00	RES,CHIP RES,CHIP RES,CHIP RES,CHIP	470 18K 470	5% 5% 5%	1/10W 1/10W 1/10W			A ZR BOARD, COM	PLETE	****	*****
R2638 R2639 R2640 R2641	1-216-041-00 1-216-079-00 1-216-041-00 1-216-041-00	RES,CHIP RES,CHIP RES,CHIP RES,CHIP	470 18K 470 470	5% 5% 5% 5%	1/10W 1/10W 1/10W 1/10W		* A-1390-950-A	A ZR BOARD, COM	PLETE *****	*****	*****
R2638 R2639 R2640 R2641	1-216-041-00 1-216-079-00 1-216-041-00 1-216-041-00 1-216-079-00	RES,CHIP RES,CHIP RES,CHIP RES,CHIP RES,CHIP RES,CHIP	470 18K 470 470	5% 5% 5% 5%	1/10W 1/10W 1/10W 1/10W 1/10W		* A-1390-950-A	AZR BOARD, COM *******	PLETE *****	*****	*****
R2638 R2639 R2640 R2641 R2642 R2643	1-216-041-00 1-216-079-00 1-216-041-00 1-216-041-00 1-216-079-00 1-216-079-00 1-216-079-00	RES,CHIP RES,CHIP RES,CHIP RES,CHIP RES,CHIP RES,CHIP	470 18K 470 470	5% 5% 5% 5% 5%	1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/W F		* A-1390-950-A	A ZR BOARD, COM ************************************	PLETE *****	****	****
R2638 R2639 R2640 R2641 R2642 R2643 R2644	1-216-041-00 1-216-079-00 1-216-041-00 1-216-041-00 1-216-079-00 1-216-079-00 1-216-357-00	RES,CHIP RES,CHIP RES,CHIP RES,CHIP RES,CHIP RES,CHIP RES,CHIP	470 18K 470 470 18K 18K 18K	5% 5% 5% 5% 5% 5%	1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W		* A-1390-950-A	AZR BOARD, COM *******	PLETE *****	****	****
R2638 R2639 R2640 R2641 R2642 R2643 R2644 R2645 R2646	1-216-041-00 1-216-079-00 1-216-041-00 1-216-041-00 1-216-079-00 1-216-079-00 1-216-357-00 1-216-357-00	RES,CHIP RES,CHIP RES,CHIP RES,CHIP RES,CHIP RES,CHIP RES,CHIP METAL OXIDE METAL OXIDE	470 18K 470 470 18K 18K 18K 4.7 4.7	5% 5% 5% 5% 5% 5% 5% 5%	1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1W F 1W F		* A-1390-950-A 4-382-854-11	A ZR BOARD, COM *************** SCREW(M3X10), <capacitor></capacitor>	PLETE ****** P, SW (+)	****	
R2638 R2639 R2640 R2641 R2642 R2643 R2644 R2645 R2646	1-216-041-00 1-216-079-00 1-216-041-00 1-216-041-00 1-216-079-00 1-216-079-00 1-216-357-00 1-216-357-00 1-216-083-00	RES,CHIP RES,CHIP RES,CHIP RES,CHIP RES,CHIP RES,CHIP RES,CHIP METAL OXIDE METAL OXIDE RES,CHIP	470 18K 470 470 18K 18K 18K 4.7 4.7	5% 5% 5% 5% 5% 5% 5% 5% 5%	1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1W F 1W F	C4101	* A-1390-950-A 4-382-854-11 1-163-038-91	A ZR BOARD, COM *************** SCREW(M3X10), <capacitor> CERAMIC CHIP</capacitor>	PLETE ****** P, SW (+) 0.1µF		25V
R2638 R2639 R2640 R2641 R2642 R2643 R2644 R2645 R2646 R2647 R2648	1-216-041-00 1-216-079-00 1-216-041-00 1-216-041-00 1-216-079-00 1-216-079-00 1-216-357-00 1-216-357-00 1-216-083-00 1-216-083-00	RES,CHIP RES,CHIP RES,CHIP RES,CHIP RES,CHIP RES,CHIP RES,CHIP METAL OXIDE METAL OXIDE RES,CHIP RES,CHIP	470 18K 470 470 18K 18K 18K 4.7 4.7	5% 5% 5% 5% 5% 5% 5% 5% 5%	1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1W F 1W F 1/10W 1/10W	C4101 C4102	* A-1390-950-A 4-382-854-11 1-163-038-91 1-104-664-11	A ZR BOARD, COM *************** SCREW(M3X10), <capacitor> CERAMIC CHIP ELECT</capacitor>	PLETE ****** P, SW (+) 0.1µF 47µF	20%	25V 16V
R2638 R2639 R2640 R2641 R2642 R2643 R2644 R2645 R2646 R2647 R2648 R2649	1-216-041-00 1-216-079-00 1-216-041-00 1-216-079-00 1-216-079-00 1-216-357-00 1-216-357-00 1-216-083-00 1-216-083-00 1-216-075-00	RES,CHIP RES,CHIP RES,CHIP RES,CHIP RES,CHIP RES,CHIP RES,CHIP METAL OXIDE METAL OXIDE RES,CHIP RES,CHIP RES,CHIP	470 18K 470 470 18K 18K 18K 4.7 4.7 27K 27K 12K	5% 5% 5% 5% 5% 5% 5% 5% 5% 5%	1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1W F 1W F 1/10W 1/10W 1/10W	C4101 C4102 C4103	* A-1390-950-A 4-382-854-11 1-163-038-91 1-104-664-11 1-107-667-11	A ZR BOARD, COM ************** SCREW(M3X10), <capacitor> CERAMIC CHIP ELECT ELECT</capacitor>	PLETE ****** P, SW (+) 0.1µF 47µF 2.2µF	20% 20%	25V 16V 160V
R2638 R2639 R2640 R2641 R2642 R2643 R2644 R2645 R2646 R2647 R2648 R2649 R2650	1-216-041-00 1-216-079-00 1-216-041-00 1-216-079-00 1-216-079-00 1-216-357-00 1-216-357-00 1-216-083-00 1-216-083-00 1-216-089-01	RES,CHIP RES,CHIP RES,CHIP RES,CHIP RES,CHIP RES,CHIP RES,CHIP RES,CHIP METAL OXIDE METAL OXIDE RES,CHIP RES,CHIP RES,CHIP RES,CHIP RES,CHIP RES,CHIP	470 18K 470 470 18K 18K 18K 4.7 4.7 27K 27K 12K 47K	5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5%	1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1W F 1W F 1/10W 1/10W 1/10W 1/10W	C4101 C4102 C4103 C4104	* A-1390-950-A 4-382-854-11 1-163-038-91 1-104-664-11 1-107-667-11 1-130-471-00	A ZR BOARD, COM ************* SCREW(M3X10), <capacitor> CERAMIC CHIP ELECT ELECT MYLAR</capacitor>	PLETE ****** P, SW (+) 0.1µF 47µF 2.2µF 0.001µF	20% 20% 5%	25V 16V 160V 50V
R2638 R2639 R2640 R2641 R2642 R2643 R2644 R2645 R2646 R2647 R2648 R2649	1-216-041-00 1-216-079-00 1-216-041-00 1-216-079-00 1-216-079-00 1-216-357-00 1-216-357-00 1-216-083-00 1-216-083-00 1-216-075-00	RES,CHIP RES,CHIP RES,CHIP RES,CHIP RES,CHIP RES,CHIP RES,CHIP RES,CHIP METAL OXIDE METAL OXIDE RES,CHIP RES,CHIP RES,CHIP RES,CHIP RES,CHIP RES,CHIP	470 18K 470 470 18K 18K 18K 4.7 4.7 27K 27K 12K	5% 5% 5% 5% 5% 5% 5% 5% 5% 5%	1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1W F 1W F 1/10W 1/10W 1/10W	C4101 C4102 C4103	* A-1390-950-A 4-382-854-11 1-163-038-91 1-104-664-11 1-107-667-11	A ZR BOARD, COM ************** SCREW(M3X10), <capacitor> CERAMIC CHIP ELECT ELECT MYLAR</capacitor>	PLETE ****** P, SW (+) 0.1µF 47µF 2.2µF	20% 20%	25V 16V 160V
R2638 R2639 R2640 R2641 R2642 R2643 R2644 R2645 R2646 R2647 R2648 R2649 R2650 R2651	1-216-041-00 1-216-079-00 1-216-041-00 1-216-079-00 1-216-079-00 1-216-357-00 1-216-357-00 1-216-083-00 1-216-083-00 1-216-089-91 1-216-049-91	RES,CHIP RES,CHIP RES,CHIP RES,CHIP RES,CHIP RES,CHIP RES,CHIP METAL OXIDE METAL OXIDE RES,CHIP RES,CHIP RES,CHIP RES,CHIP RES,CHIP RES,CHIP RES,CHIP RES,CHIP	470 18K 470 470 18K 18K 18K 4.7 4.7 27K 27K 12K 47K 1K	5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5%	1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W	C4101 C4102 C4103 C4104 C4105	* A-1390-950-A 4-382-854-11 1-163-038-91 1-104-664-11 1-107-667-11 1-130-471-00 1-130-471-00	A ZR BOARD, COM ************** SCREW(M3X10), <capacitor> CERAMIC CHIP ELECT ELECT MYLAR MYLAR</capacitor>	PLETE ****** P, SW (+) 0.1µF 47µF 2.2µF 0.001µF 0.001µF	20% 20% 5% 5%	25V 16V 160V 50V 50V
R2638 R2639 R2640 R2641 R2642 R2643 R2644 R2645 R2646 R2647 R2648 R2649 R2650 R2651	1-216-041-00 1-216-079-00 1-216-041-00 1-216-079-00 1-216-079-00 1-216-357-00 1-216-357-00 1-216-083-00 1-216-083-00 1-216-089-91 1-216-049-91	RES,CHIP RES,CHIP RES,CHIP RES,CHIP RES,CHIP RES,CHIP RES,CHIP METAL OXIDE METAL OXIDE RES,CHIP RES,CHIP RES,CHIP RES,CHIP RES,CHIP RES,CHIP RES,CHIP RES,CHIP RES,CHIP	470 18K 470 470 18K 18K 18K 4.7 4.7 27K 27K 12K 47K 1K	5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5%	1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W	C4101 C4102 C4103 C4104 C4105	* A-1390-950-A 4-382-854-11 1-163-038-91 1-104-664-11 1-107-667-11 1-130-471-00 1-130-471-00	A ZR BOARD, COM **************** SCREW(M3X10), 3 <capacitor> CERAMIC CHIP ELECT ELECT MYLAR MYLAR MYLAR MYLAR</capacitor>	PLETE ****** P, SW (+) 0.1µF 47µF 2.2µF 0.001µF 0.001µF	20% 20% 5% 5%	25V 16V 160V 50V 50V
R2638 R2639 R2640 R2641 R2642 R2643 R2644 R2645 R2646 R2646 R2647 R2648 R2649 R2650 R2651	1-216-041-00 1-216-079-00 1-216-041-00 1-216-079-00 1-216-079-00 1-216-357-00 1-216-357-00 1-216-083-00 1-216-083-00 1-216-049-91 1-216-049-91	RES,CHIP RES,CHIP RES,CHIP RES,CHIP RES,CHIP RES,CHIP RES,CHIP METAL OXIDE METAL OXIDE RES,CHIP RES,CHIP RES,CHIP RES,CHIP RES,CHIP RES,CHIP RES,CHIP RES,CHIP RES,CHIP	470 18K 470 470 18K 18K 18K 14.7 4.7 27K 27K 12K 47K 1K	5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5%	1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W	C4101 C4102 C4103 C4104 C4105 C4106 C4107	* A-1390-950-A 4-382-854-11 1-163-038-91 1-104-664-11 1-107-667-11 1-130-471-00 1-130-471-00 1-104-987-11 1-104-987-11	A ZR BOARD, COM **************** SCREW(M3X10), 3 <capacitor> CERAMIC CHIP ELECT ELECT MYLAR MYLAR MYLAR MYLAR MYLAR MYLAR</capacitor>	PLETE ****** P, SW (+) 0.1µF 47µF 2.2µF 0.001µF 0.001µF 0.001µF	20% 20% 5% 5% 10%	25V 16V 160V 50V 50V 200V 200V
R2638 R2639 R2640 R2641 R2642 R2643 R2644 R2645 R2646 R2647 R2648 R2649 R2650 R2651 R2652 R2653 R2654	1-216-041-00 1-216-079-00 1-216-041-00 1-216-079-00 1-216-079-00 1-216-357-00 1-216-357-00 1-216-083-00 1-216-083-00 1-216-049-91 1-216-049-91 1-216-049-91 1-216-049-91 1-216-073-00	RES,CHIP RES,CHIP RES,CHIP RES,CHIP RES,CHIP RES,CHIP RES,CHIP METAL OXIDE METAL OXIDE RES,CHIP RES,CHIP RES,CHIP RES,CHIP RES,CHIP RES,CHIP RES,CHIP RES,CHIP RES,CHIP	470 18K 470 470 18K 18K 18K 18K 4.7 4.7 27K 27K 12K 47K 1K	5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5	1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W	C4101 C4102 C4103 C4104 C4105 C4106 C4107 C4108	* A-1390-950-A 4-382-854-11 1-163-038-91 1-104-664-11 1-107-667-11 1-130-471-00 1-130-471-00 1-104-987-11 1-104-987-11 1-107-364-11	A ZR BOARD, COM ****************** SCREW(M3X10), 3 <capacitor> CERAMIC CHIP ELECT ELECT MYLAR MYLAR MYLAR MYLAR MYLAR MYLAR MYLAR MYLAR MYLAR</capacitor>	PLETE ****** P, SW (+) 0.1µF 47µF 2.2µF 0.001µF 0.001µF 0.001µF	20% 20% 5% 5% 10% 10%	25V 16V 160V 50V 50V 200V 200V 200V
R2638 R2639 R2640 R2641 R2642 R2643 R2644 R2645 R2646 R2647 R2648 R2649 R2650 R2651 R2652 R2653 R2654 R2654	1-216-041-00 1-216-079-00 1-216-041-00 1-216-079-00 1-216-079-00 1-216-357-00 1-216-357-00 1-216-083-00 1-216-083-00 1-216-089-91 1-216-049-91 1-216-049-91 1-216-049-91 1-216-049-91 1-216-073-00 1-216-049-91	RES,CHIP RES,CHIP RES,CHIP RES,CHIP RES,CHIP RES,CHIP RES,CHIP METAL OXIDE METAL OXIDE RES,CHIP	470 18K 470 470 18K 18K 18K 18K 4.7 4.7 27K 27K 12K 47K 1K 100 1K 10K 1K	5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5	1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W	C4101 C4102 C4103 C4104 C4105 C4106 C4107 C4108 C4109	* A-1390-950-A 4-382-854-11 1-163-038-91 1-104-664-11 1-107-667-11 1-130-471-00 1-104-987-11 1-104-987-11 1-107-364-11 1-126-968-11	A ZR BOARD, COM ******************* SCREW(M3X10), 3 <capacitor> CERAMIC CHIP ELECT ELECT MYLAR MYLAR MYLAR MYLAR MYLAR MYLAR MYLAR MYLAR MYLAR ELECT</capacitor>	PLETE ****** P, SW (+) 0.1µF 47µF 2.2µF 0.001µF 0.001µF 0.001µF 0.001µF	20% 20% 5% 5% 10% 10% 10% 20%	25V 16V 160V 50V 50V 200V 200V 200V 50V
R2638 R2639 R2640 R2641 R2642 R2643 R2644 R2645 R2646 R2647 R2648 R2649 R2650 R2651 R2652 R2653 R2654	1-216-041-00 1-216-079-00 1-216-041-00 1-216-079-00 1-216-079-00 1-216-357-00 1-216-357-00 1-216-083-00 1-216-083-00 1-216-049-91 1-216-049-91 1-216-049-91 1-216-049-91 1-216-073-00	RES,CHIP RES,CHIP RES,CHIP RES,CHIP RES,CHIP RES,CHIP RES,CHIP METAL OXIDE METAL OXIDE RES,CHIP	470 18K 470 470 18K 18K 18K 18K 4.7 4.7 27K 27K 12K 47K 1K	5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5	1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W	C4101 C4102 C4103 C4104 C4105 C4106 C4107 C4108	* A-1390-950-A 4-382-854-11 1-163-038-91 1-104-664-11 1-107-667-11 1-130-471-00 1-130-471-00 1-104-987-11 1-104-987-11 1-107-364-11	A ZR BOARD, COM ******************* SCREW(M3X10), 3 <capacitor> CERAMIC CHIP ELECT ELECT MYLAR MYLAR MYLAR MYLAR MYLAR MYLAR MYLAR MYLAR MYLAR ELECT</capacitor>	PLETE ****** P, SW (+) 0.1µF 47µF 2.2µF 0.001µF 0.001µF 0.001µF	20% 20% 5% 5% 10% 10%	25V 16V 160V 50V 50V 200V 200V 200V
R2638 R2639 R2640 R2641 R2642 R2643 R2644 R2645 R2646 R2647 R2648 R2649 R2650 R2651 R2652 R2653 R2654 R2654	1-216-041-00 1-216-079-00 1-216-041-00 1-216-079-00 1-216-079-00 1-216-357-00 1-216-357-00 1-216-083-00 1-216-083-00 1-216-089-91 1-216-049-91 1-216-049-91 1-216-049-91 1-216-049-91 1-216-073-00 1-216-049-91	RES,CHIP RES,CHIP RES,CHIP RES,CHIP RES,CHIP RES,CHIP RES,CHIP RES,CHIP METAL OXIDE METAL OXIDE RES,CHIP	470 18K 470 470 18K 18K 18K 18K 4.7 4.7 27K 27K 12K 47K 1K 100 1K 10K 1K	5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5	1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W	C4101 C4102 C4103 C4104 C4105 C4106 C4107 C4108 C4109	* A-1390-950-A 4-382-854-11 1-163-038-91 1-104-664-11 1-107-667-11 1-130-471-00 1-104-987-11 1-104-987-11 1-107-364-11 1-126-968-11	A ZR BOARD, COM ***************** SCREW(M3X10), CAPACITOR> CERAMIC CHIP ELECT ELECT MYLAR MYLAR MYLAR MYLAR MYLAR MYLAR MYLAR MYLAR ELECT ELECT ELECT	PLETE ****** P, SW (+) 0.1µF 47µF 2.2µF 0.001µF 0.001µF 0.001µF 0.001µF	20% 20% 5% 5% 10% 10% 10% 20%	25V 16V 160V 50V 50V 200V 200V 200V 50V
R2638 R2639 R2640 R2641 R2642 R2643 R2644 R2645 R2646 R2647 R2648 R2650 R2651 R2652 R2653 R2654 R2655 R2656	1-216-041-00 1-216-079-00 1-216-041-00 1-216-079-00 1-216-079-00 1-216-079-00 1-216-357-00 1-216-083-00 1-216-083-00 1-216-089-91 1-216-049-91 1-216-049-91 1-216-049-91 1-216-049-91 1-216-049-91 1-216-049-91 1-216-049-91 1-216-049-91 1-216-049-91 1-216-049-91 1-216-049-91	RES,CHIP RES,CHIP RES,CHIP RES,CHIP RES,CHIP RES,CHIP RES,CHIP RES,CHIP METAL OXIDE METAL OXIDE RES,CHIP	470 18K 470 470 18K 18K 18K 18K 4.7 4.7 27K 27K 12K 47K 11K 100 11K 10K 11K 27K	5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5	1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W	C4101 C4102 C4103 C4104 C4105 C4106 C4107 C4108 C4109 C4110	* A-1390-950-A 4-382-854-11 1-163-038-91 1-104-664-11 1-107-667-11 1-130-471-00 1-104-987-11 1-104-987-11 1-107-364-11 1-126-968-11 1-107-645-11	A ZR BOARD, COM ***************** SCREW(M3X10), <capacitor> CERAMIC CHIP ELECT ELECT MYLAR MYLAR MYLAR MYLAR MYLAR MYLAR MYLAR ELECT ELECT ELECT ELECT ELECT</capacitor>	PLETE ****** P, SW (+) 0.1µF 47µF 2.2µF 0.001µF 0.001µF 0.001µF 100µF 100µF 22µF	20% 20% 5% 5% 10% 10% 20% 20%	25V 16V 160V 50V 50V 200V 200V 200V 50V 160V
R2638 R2639 R2640 R2641 R2642 R2643 R2644 R2645 R2646 R2647 R2648 R2649 R2650 R2651 R2655 R2655 R2655 R2656	1-216-041-00 1-216-079-00 1-216-041-00 1-216-079-00 1-216-079-00 1-216-079-00 1-216-357-00 1-216-357-00 1-216-083-00 1-216-083-00 1-216-049-91 1-216-049-91 1-216-049-91 1-216-049-91 1-216-049-91 1-216-049-91 1-216-049-91 1-216-049-91 1-216-049-91 1-216-083-00	RES,CHIP RES,CHIP RES,CHIP RES,CHIP RES,CHIP RES,CHIP RES,CHIP RES,CHIP METAL OXIDE METAL OXIDE RES,CHIP	470 18K 470 470 18K 18K 18K 18K 4.7 4.7 27K 27K 12K 47K 1K 100 1K 10K 1K 27K	5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5	1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W	C4101 C4102 C4103 C4104 C4105 C4106 C4107 C4108 C4109 C4110	* A-1390-950-A 4-382-854-11 1-163-038-91 1-104-664-11 1-107-667-11 1-130-471-00 1-104-987-11 1-104-987-11 1-107-364-11 1-126-968-11 1-126-968-11 1-126-968-11 1-126-968-11	A ZR BOARD, COM ***************** SCREW(M3X10), <capacitor> CERAMIC CHIP ELECT ELECT MYLAR MYLAR MYLAR MYLAR MYLAR MYLAR MYLAR ELECT ELECT ELECT ELECT ELECT</capacitor>	PLETE ****** P, SW (+) 0.1µF 47µF 2.2µF 0.001µF 0.001µF 0.001µF 100µF 100µF 100µF	20% 20% 5% 5% 10% 10% 20% 20%	25V 16V 160V 50V 50V 200V 200V 200V 50V 160V
R2638 R2639 R2640 R2641 R2642 R2643 R2644 R2645 R2646 R2647 R2648 R2649 R2650 R2651 R2652 R2653 R2654 R2655 R2655 R2656 R2657 R2657	1-216-041-00 1-216-079-00 1-216-041-00 1-216-079-00 1-216-079-00 1-216-079-00 1-216-357-00 1-216-357-00 1-216-083-00 1-216-083-00 1-216-049-91 1-216-049-91 1-216-049-91 1-216-049-91 1-216-049-91 1-216-049-91 1-216-049-91 1-216-049-91 1-216-049-91 1-216-049-91 1-216-083-00 1-216-083-00 1-216-083-00	RES,CHIP RES,CHIP RES,CHIP RES,CHIP RES,CHIP RES,CHIP RES,CHIP RES,CHIP METAL OXIDE METAL OXIDE RES,CHIP	470 18K 470 470 18K 18K 18K 18K 4.7 4.7 27K 27K 12K 47K 1K 100 1K 10K 1K 27K 27K	5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5	1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W	C4101 C4102 C4103 C4104 C4105 C4106 C4107 C4108 C4109 C4110	* A-1390-950-A 4-382-854-11 1-163-038-91 1-104-664-11 1-107-667-11 1-130-471-00 1-104-987-11 1-104-987-11 1-107-364-11 1-126-968-11 1-126-968-11 1-126-968-11 1-126-968-11	A ZR BOARD, COM ****************** SCREW(M3X10), <capacitor> CERAMIC CHIP ELECT ELECT MYLAR MYLAR MYLAR MYLAR MYLAR MYLAR ELECT ELECT ELECT ELECT ELECT ELECT ELECT CERAMIC CERAMIC CHIP</capacitor>	PLETE ****** P, SW (+) 0.1µF 47µF 2.2µF 0.001µF 0.001µF 0.001µF 100µF 100µF 100µF 22µF	20% 20% 5% 5% 10% 10% 20% 20%	25V 16V 160V 50V 50V 200V 200V 200V 50V 160V
R2638 R2639 R2640 R2641 R2641 R2642 R2643 R2644 R2645 R2646 R2647 R2648 R2649 R2650 R2651 R2652 R2653 R2654 R2655 R2655 R2656 R2657 R2658 R2659	1-216-041-00 1-216-079-00 1-216-041-00 1-216-079-00 1-216-079-00 1-216-079-00 1-216-357-00 1-216-357-00 1-216-083-00 1-216-083-00 1-216-049-91 1-216-049-91 1-216-049-91 1-216-083-00 1-216-083-00 1-216-083-00 1-216-083-00 1-216-083-00 1-216-083-00 1-216-083-00 1-216-083-00 1-216-083-00	RES,CHIP RES,CHIP RES,CHIP RES,CHIP RES,CHIP RES,CHIP RES,CHIP RES,CHIP METAL OXIDE METAL OXIDE RES,CHIP	470 18K 470 470 18K 18K 18K 18K 4.7 4.7 27K 27K 12K 47K 1K 100 1K 10K 1K 27K 27K 27K	5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5	1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W 1/10W	C4101 C4102 C4103 C4104 C4105 C4106 C4107 C4108 C4109 C4110 C4111 C4112 C4113	* A-1390-950-A 4-382-854-11 1-163-038-91 1-104-664-11 1-107-667-11 1-130-471-00 1-104-987-11 1-104-987-11 1-107-364-11 1-126-968-11 1-126-968-11 1-126-968-11 1-161-830-00 1-163-038-91 1-161-830-00	A ZR BOARD, COM ****************** SCREW(M3X10), <capacitor> CERAMIC CHIP ELECT ELECT MYLAR MYLAR MYLAR MYLAR MYLAR MYLAR ELECT ELECT ELECT ELECT ELECT ELECT ELECT CERAMIC CERAMIC CHIP</capacitor>	PLETE ****** P, SW (+) 0.1µF 47µF 2.2µF 0.001µF 0.001µF 0.001µF 100µF 100µF 100µF 22µF 100µF 0.0047µF 0.1µF	20% 20% 5% 5% 10% 10% 20% 20%	25V 16V 160V 50V 50V 200V 200V 200V 50V 160V 50V 50V 50V
R2638 R2639 R2640 R2641 R2641 R2642 R2643 R2644 R2645 R2646 R2647 R2648 R2649 R2650 R2651 R2652 R2653 R2654 R2655 R2656 R2657 R2658 R2659 R2660 R2662	1-216-041-00 1-216-079-00 1-216-041-00 1-216-079-00 1-216-079-00 1-216-079-00 1-216-357-00 1-216-357-00 1-216-083-00 1-216-083-00 1-216-049-91 1-216-049-91 1-216-049-91 1-216-083-00 1-216-083-00 1-216-083-00 1-216-083-00 1-216-083-00 1-216-083-00 1-216-083-00 1-216-083-00 1-216-083-00 1-216-073-00 1-216-073-00 1-216-073-00	RES,CHIP RES,CHIP RES,CHIP RES,CHIP RES,CHIP RES,CHIP RES,CHIP RES,CHIP METAL OXIDE METAL OXIDE RES,CHIP	470 18K 470 470 18K 18K 18K 18K 4.7 4.7 27K 27K 12K 47K 1K 100 1K 10K 1K 27K 27K 27K 10K 11 10K 11 10K 11 10K 11 10K 10K 10	5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5	1/10W	C4101 C4102 C4103 C4104 C4105 C4106 C4107 C4108 C4109 C4110 C4111 C4112 C4113 C4114 C4115	* A-1390-950-A 4-382-854-11 1-163-038-91 1-104-664-11 1-107-667-11 1-130-471-00 1-130-471-00 1-104-987-11 1-104-987-11 1-107-364-11 1-126-968-11 1-107-645-11 1-161-830-00 1-163-038-91 1-161-830-00 1-107-823-11	A ZR BOARD, COM ****************** SCREW(M3X10), 3 <capacitor> CERAMIC CHIP ELECT ELECT MYLAR MYLAR MYLAR MYLAR MYLAR MYLAR ELECT ELECT ELECT CERAMIC CERAMIC CERAMIC CHIP CERAMIC CERAMIC CHIP</capacitor>	PLETE ****** P, SW (+) 0.1µF 47µF 2.2µF 0.001µF 0.001µF 0.001µF 100µF 22µF 100µF 0.0047µF 0.1µF 0.0047µF 0.47µF	20% 20% 5% 5% 10% 10% 20% 20%	25V 16V 160V 50V 50V 200V 200V 200V 50V 160V 50V 500V 25V 500V 16V
R2638 R2639 R2640 R2641 R2641 R2642 R2643 R2644 R2645 R2646 R2647 R2648 R2649 R2650 R2651 R2652 R2653 R2654 R2655 R2656 R2657 R2658 R2659 R2660 R2662	1-216-041-00 1-216-079-00 1-216-041-00 1-216-079-00 1-216-079-00 1-216-357-00 1-216-357-00 1-216-357-00 1-216-083-00 1-216-083-00 1-216-049-91 1-216-049-91 1-216-083-00 1-216-083-00 1-216-083-00 1-216-083-00 1-216-083-00 1-216-083-00 1-216-083-00 1-216-083-00 1-216-073-00 1-216-073-00 1-216-073-00	RES,CHIP RES,CHIP RES,CHIP RES,CHIP RES,CHIP RES,CHIP RES,CHIP RES,CHIP METAL OXIDE METAL OXIDE RES,CHIP	470 18K 470 470 18K 18K 18K 18K 4.7 4.7 27K 27K 12K 47K 11K 100 11K 10K 11K 27K 27K 27K 10K 11K	5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5	1/10W	C4101 C4102 C4103 C4104 C4105 C4106 C4107 C4108 C4109 C4110 C4111 C4112 C4113 C4114	* A-1390-950-A 4-382-854-11 1-163-038-91 1-104-664-11 1-107-667-11 1-130-471-00 1-130-471-00 1-104-987-11 1-104-987-11 1-107-364-11 1-126-968-11 1-107-645-11 1-161-830-00 1-163-038-91 1-161-830-00 1-107-823-11	A ZR BOARD, COM ******************* SCREW(M3X10), 3 <capacitor> CERAMIC CHIP ELECT ELECT MYLAR MYLAR MYLAR MYLAR MYLAR MYLAR ELECT ELECT ELECT ELECT ELECT ELECT CERAMIC CERAMIC CHIP CERAMIC</capacitor>	PLETE ****** P, SW (+) 0.1µF 47µF 2.2µF 0.001µF 0.001µF 0.001µF 100µF 100µF 22µF 100µF 0.0047µF 0.1µF 0.0047µF	20% 20% 5% 5% 10% 10% 20% 20%	25V 16V 160V 50V 50V 200V 200V 200V 50V 160V 50V 50OV 50OV
R2638 R2639 R2640 R2641 R2641 R2642 R2643 R2644 R2645 R2646 R2647 R2648 R2649 R2650 R2651 R2655 R2655 R2655 R2656 R2657 R2658 R2659 R2660 R2662	1-216-041-00 1-216-079-00 1-216-041-00 1-216-079-00 1-216-079-00 1-216-079-00 1-216-357-00 1-216-357-00 1-216-357-00 1-216-083-00 1-216-083-00 1-216-049-91 1-216-049-91 1-216-049-91 1-216-083-00 1-216-083-00 1-216-083-00 1-216-083-00 1-216-083-00 1-216-073-00 1-216-073-00 1-216-073-00 1-216-073-00 1-216-073-00 1-216-073-00 1-216-073-00 1-216-1073-00 1-216-113-00	RES,CHIP RES,CHIP RES,CHIP RES,CHIP RES,CHIP RES,CHIP RES,CHIP RES,CHIP METAL OXIDE METAL OXIDE METAL OXIDE RES,CHIP	470 18K 470 470 18K 18K 18K 18K 4.7 4.7 27K 27K 12K 47K 11K 100 11K 10K 11K 27K 27K 27K 27K 10K 10K 10K 10K	5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5	1/10W	C4101 C4102 C4103 C4104 C4105 C4106 C4107 C4108 C4109 C4110 C4111 C4112 C4113 C4114 C4115	* A-1390-950-A 4-382-854-11 1-163-038-91 1-104-664-11 1-107-667-11 1-130-471-00 1-130-471-00 1-104-987-11 1-104-987-11 1-107-364-11 1-126-968-11 1-107-645-11 1-161-830-00 1-163-038-91 1-161-830-00 1-107-823-11	A ZR BOARD, COM ****************** SCREW(M3X10), 3 <capacitor> CERAMIC CHIP ELECT ELECT MYLAR MYLAR MYLAR MYLAR MYLAR MYLAR ELECT ELECT ELECT CERAMIC CERAMIC CERAMIC CHIP CERAMIC CERAMIC CHIP</capacitor>	PLETE ****** P, SW (+) 0.1µF 47µF 2.2µF 0.001µF 0.001µF 0.001µF 100µF 22µF 100µF 0.0047µF 0.1µF 0.0047µF 0.47µF	20% 20% 5% 5% 10% 10% 20% 20%	25V 16V 160V 50V 50V 200V 200V 200V 50V 160V 50V 500V 25V 500V 16V
R2638 R2639 R2640 R2641 R2641 R2642 R2643 R2644 R2645 R2646 R2647 R2648 R2649 R2650 R2651 R2652 R2653 R2654 R2655 R2656 R2657 R2658 R2659 R2660 R2662 R2663 R2801 R2802	1-216-041-00 1-216-079-00 1-216-041-00 1-216-079-00 1-216-079-00 1-216-079-00 1-216-357-00 1-216-357-00 1-216-357-00 1-216-083-00 1-216-083-00 1-216-049-91 1-216-049-91 1-216-049-91 1-216-083-00 1-216-083-00 1-216-083-00 1-216-083-00 1-216-083-00 1-216-073-00 1-216-073-00 1-216-073-00 1-216-073-00 1-216-073-00 1-216-073-00 1-216-073-00 1-216-073-00 1-216-113-00 1-216-113-00 1-216-041-00	RES,CHIP RES,CHIP RES,CHIP RES,CHIP RES,CHIP RES,CHIP RES,CHIP RES,CHIP METAL OXIDE METAL OXIDE METAL OXIDE RES,CHIP	470 18K 470 470 18K 18K 18K 18K 4.7 4.7 27K 27K 12K 47K 1K 100 1K 10K 1K 27K 27K 27K 10K 10K 10K 47OK 47OK	5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5	1/10W	C4101 C4102 C4103 C4104 C4105 C4106 C4107 C4108 C4109 C4110 C4111 C4112 C4113 C4114 C4115	* A-1390-950-A 4-382-854-11 1-163-038-91 1-104-664-11 1-107-667-11 1-130-471-00 1-130-471-00 1-104-987-11 1-104-987-11 1-107-364-11 1-126-968-11 1-107-645-11 1-161-830-00 1-163-038-91 1-161-830-00 1-107-823-11	A ZR BOARD, COM ****************** SCREW(M3X10), 3 <capacitor> CERAMIC CHIP ELECT ELECT MYLAR MYLAR MYLAR MYLAR MYLAR MYLAR ELECT ELECT ELECT CERAMIC CERAMIC CERAMIC CHIP CERAMIC CERAMIC CHIP</capacitor>	PLETE ****** P, SW (+) 0.1µF 47µF 2.2µF 0.001µF 0.001µF 0.001µF 100µF 22µF 100µF 0.0047µF 0.1µF 0.0047µF 0.47µF	20% 20% 5% 5% 10% 10% 20% 20%	25V 16V 160V 50V 50V 200V 200V 200V 50V 160V 50V 500V 25V 500V 16V
R2638 R2639 R2640 R2641 R2641 R2642 R2643 R2644 R2645 R2646 R2647 R2648 R2649 R2650 R2651 R2655 R2655 R2655 R2656 R2657 R2658 R2659 R2660 R2662	1-216-041-00 1-216-079-00 1-216-041-00 1-216-079-00 1-216-079-00 1-216-079-00 1-216-357-00 1-216-357-00 1-216-357-00 1-216-083-00 1-216-083-00 1-216-049-91 1-216-049-91 1-216-049-91 1-216-083-00 1-216-083-00 1-216-083-00 1-216-083-00 1-216-083-00 1-216-073-00 1-216-073-00 1-216-073-00 1-216-073-00 1-216-073-00 1-216-073-00 1-216-073-00 1-216-1073-00 1-216-113-00	RES,CHIP RES,CHIP RES,CHIP RES,CHIP RES,CHIP RES,CHIP RES,CHIP RES,CHIP METAL OXIDE METAL OXIDE METAL OXIDE RES,CHIP	470 18K 470 470 18K 18K 18K 18K 4.7 4.7 27K 27K 12K 47K 11K 100 11K 10K 11K 27K 27K 27K 27K 10K 10K 10K 10K	5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5	1/10W	C4101 C4102 C4103 C4104 C4105 C4106 C4107 C4108 C4109 C4110 C4111 C4112 C4113 C4114 C4115	* A-1390-950-A 4-382-854-11 1-163-038-91 1-104-664-11 1-107-667-11 1-130-471-00 1-130-471-00 1-104-987-11 1-104-987-11 1-107-364-11 1-126-968-11 1-107-645-11 1-161-830-00 1-163-038-91 1-161-830-00 1-107-823-11	A ZR BOARD, COM ****************** SCREW(M3X10), 3 <capacitor> CERAMIC CHIP ELECT ELECT MYLAR MYLAR MYLAR MYLAR MYLAR MYLAR ELECT ELECT ELECT CERAMIC CERAMIC CERAMIC CHIP CERAMIC CERAMIC CHIP</capacitor>	PLETE ****** P, SW (+) 0.1µF 47µF 2.2µF 0.001µF 0.001µF 0.001µF 100µF 22µF 100µF 0.0047µF 0.1µF 0.0047µF 0.47µF	20% 20% 5% 5% 10% 10% 20% 20%	25V 16V 160V 50V 50V 200V 200V 200V 50V 160V 50V 500V 25V 500V 16V





REF. NO.	PART NO.	DESCRIPTION			REMARK	REF. NO.	PART NO.	DESCRIPTION			REMARK
		<connector></connector>				R4126	1-216-009-91	RES,CHIP	22	5%	1/10W
CN4102* CN4104* CN4105*	1-564-506-11 1-564-507-11 1-564-506-11	PLUG, CONNECT PLUG, CONNECT PLUG, CONNECT PLUG, CONNECTO PIN, CONNECTO	OR 3P OR 4P OR 3P	RD) 4P				**************************************	PLETE	*****	*****
		DIODE					4 202 054 11				
D 4102	0.710.021.04	<diode></diode>					4-382-854-11	SCREW(M3X10), I	P, SW (+)		
D4102 D4103		DIODE MTZJ-13 DIODE MTZJ-13						<capacitor></capacitor>			
		<connector></connector>				C4201 C4202	1-163-038-91 1-107-667-11	CERAMIC CHIP ELECT	0.1μF 2.2μF	20%	25V 160V
DY41012	N	1-451-510-11	DEFLECT	TION Y	OKE	C4203 C4204	1-130-471-00 1-130-471-00		0.001μF 0.001μF	5% 5%	50V 50V
2111012	_	1 101 010 11	<i>D</i> 2. 220 .	10111	OIL	C4205	1-104-987-11		0.001μF	10%	200V
		<coil></coil>				C4206	1-104-987-11		0.001µF	10%	200V
L4101	1 414 192 41	INDLICTOR	1011			C4207	1-107-364-11		0.01μF	10%	200V
L4101 L4102	1-414-183-41 1-414-187-11		10μΗ 47μΗ			C4208 C4209	1-126-968-11 1-126-968-11		100μF 100μF	20% 20%	50V 50V
L4102	1-414-107-11	INDUCTOR	47μΠ			C4210	1-120-908-11		22μF	20%	160V
		ZD ANGIGTOD				C4211	1 161 920 00	CEDAMIC	0.0047E		5001
		<transistor></transistor>				C4211	1-161-830-00		0.0047μF	1.00/	500V
04101	9 720 422 27	TDANGISTOD 20	ED6014 O			C4212 C4213	1-106-220-00 1-106-220-00		0.1μF	10% 10%	100V 100V
Q4101 Q4104		TRANSISTOR 25	-			C4213 C4214	1-106-220-00		0.1μF 47μF	20%	16V
Q4104 Q4105		TRANSISTOR 25				C4214 C4215			•		16V 16V
Q4103 Q4106		TRANSISTOR 25				C4213	1-10/-623-11	CERAMIC CHIP	0.47μF	10%	10 V
Q4100 Q4107		TRANSISTOR 25	-			C4216	1 107 823 11	CERAMIC CHIP	0.47µF	10%	16V
Q4107	0-129-422-21	TRANSISTOR 2	DOUTA-Q			C4210 C4217	1-161-830-00		0.47μΓ 0.0047μF	1070	
04109	9 720 216 22	TRANSISTOR 25	CA 1162 C			C4217 C4218		CERAMIC CHIP	0.0047μF 0.1μF		500V
Q4108 Q4109		TRANSISTOR 25				C4218 C4219	1-161-830-00		0.1μr 0.0047μF		25V
Q4109 Q4110		TRANSISTOR 25				C4219 C4220		CERAMIC CHIP	0.0047μF 0.1μF		500V 25V
Q4110	0-129-422-21	TRANSISTOR 2.	5D001A-Q			C4220	1-103-036-91	CERAINIC CHIF	0.1μΓ		23 V
		<resistor></resistor>						<connector></connector>			
R4101	1-216-025-91	DES CHID	100	5%	1/10W	CN//201*	: 1 564 500 11	PLUG, CONNECT	OP 6D		
R4101 R4102		METAL CHIP	5.6K		1/10W			PLUG, CONNECT			
R4102 R4103		METAL CHIP	3.3K		1/10W			PLUG, CONNECT			
	1-216-049-91		1K		1/10W			PLUG, CONNECT			
R4104 R4105		METAL OXIDE	120	5%	3W F			PLUG, CONNECT			
K4103	1-210-4/3-11	WE TAL OAIDE	120	370	344 1	C114203	1-304-300-11	TLOO, CONNECT	OK 31		
R4106	1-216-033-00		220	5%	1/10W			PIN, CONNECTOR	`	RD) 4F	•
R4107		METAL OXIDE	120	5%	3W F	CN4207*	1-564-506-11	PLUG, CONNECT	OR 3P		
R4109	1-216-009-91		22	5%	1/10W						
R4110	1-249-414-11		560	5%	1/4W						
R4111	1-247-863-91	CARBON	22K	5%	1/4W			<diode></diode>			
R4113	1-249-429-11	CARBON	10K	5%	1/4W F	D4201	8-719-921-86	DIODE MTZJ-13			
R4114	1-249-414-11	CARBON	560	5%	1/4W	D4202	8-719-921-86	DIODE MTZJ-13			
R4115	1-247-863-91	CARBON	22K	5%	1/4W						
R4116	1-249-397-11	CARBON	22	5%	1/4W F						
R4117	1-249-415-11	CARBON	680	5%	1/4W F			<connector></connector>			
R4118	1-249-415-11	CARBON	680	5%	1/4W F	DY42012	1-451-510-11	DEFLECTION YO	KE		
R4119	1-249-384-11	CARBON	1.8	5%	1/4W F						
R4120	1-249-384-11		1.8	5%	1/4W F						
R4121	1-249-401-11		47	5%	1/4W F			<coil></coil>			
R4122	1-249-401-11	CARBON	47	5%	1/4W F						
						L4201	1-414-187-11	INDUCTOR	47μΗ		
R4123	1-216-476-11	METAL OXIDE	180	5%	3W F	L4202	1-414-183-41	INDUCTOR	10μΗ		
R4124	1-208-806-11	METAL CHIP	10K	0.50%	1/10W						
R4125	1-208-806-11	METAL CHIP	10K	0.50%	1/10W						

Les composants identifies par une trame et une marque ${\triangle}$ sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

REF. NO.	PART NO.	DESCRIPTION		Ī	REMARK	REF. NO.	PART NO.	DESCRIPTION		Ī	REMARK
		<transistor></transistor>			C4311 C4312	1-161-830-00 1-104-664-11				500V 16V	
Q4201 Q4203 Q4204 Q4205	8-729-045-04 8-729-045-05	TRANSISTOR 2. TRANSISTOR 2. TRANSISTOR 2. TRANSISTOR 2.	SC5511 SA2005			C4312 C4313 C4314 C4315	1-107-823-11	CERAMIC CHIP CERAMIC CHIP	47μF 0.47μF 0.47μF 0.0047μF	20% 10% 10%	16V 16V 16V 500V
Q4206		TRANSISTOR 2				C4316	1-163-038-91	CERAMIC CHIP	0.1μF		25V
Q4207 Q4208 Q4209	8-729-216-22	TRANSISTOR 2 TRANSISTOR 2 TRANSISTOR 2	SA1162-G					<connector></connector>			
		<resistor></resistor>				CN4302* CN4303*	* 1-564-507-11 * 1-564-506-11	PLUG, CONNEC PLUG, CONNEC PLUG, CONNEC PIN, CONNECTO	TOR 4P TOR 3P	DD) 4D	
R4201 R4202	1-216-025-91 1-216-475-11	RES,CHIP METAL OXIDE	100 120	5% 5%	1/10W 3W F			PLUG, CONNEC		KD) 4P	
R4203	1-216-049-91	RES,CHIP	1K	5%	1/10W						
R4206 R4207	1-216-475-11 1-249-397-11	METAL OXIDE CARBON	120 22	5% 5%	3W F 1/4W F			<diode></diode>			
R4208	1-247-863-91	CAPPON	22K	5%	1/4W	D4301 D4302		DIODE MTZJ-1 DIODE MTZJ-1			
R4208 R4209	1-247-803-91		560	5% 5%	1/4W 1/4W	D4302	0-719-921-00	DIODE MIZJ-I	3		
R4210	1-249-415-11		680	5%	1/4W F						
R4211 R4212	1-249-414-11 1-247-863-91		560 22K	5% 5%	1/4W 1/4W			<connector></connector>			
11.212	12.7 000 71	CI II II OI V		270	2, ,	DY43012	1-451-510-11	DEFLECTION Y	OKE		
R4213	1-249-415-11		680 10K	5%	1/4W F						
R4214 R4215	1-249-429-11 1-249-384-11		1.8	5% 5%	1/4W F 1/4W F			<coil></coil>			
R4216	1-249-384-11		1.8	5%	1/4W F			COIL			
R4217	1-249-401-11	CARBON	47	5%	1/4W F	L4301 L4302	1-414-187-11 1-414-183-41		47μΗ 10μΗ		
R4218	1-249-401-11	CARBON	47	5%	1/4W F						
R4219		METAL OXIDE	180	5%	3W F			mp . Maramon			
R4221 R4222		METAL CHIP METAL CHIP	10K 5.6K		1/10W 1/10W			<transistor></transistor>			
R4223		METAL CHIP	3.3K		1/10W 1/10W	Q4301		TRANSISTOR 2	-		
R4224	1-208-806-11	METAL CHIP	10K	0.50%	1/10W	Q4303 Q4304		TRANSISTOR 2			
R4225	1-216-033-00		220	5%	1/10W	Q4305		TRANSISTOR 2			
R4226	1-216-009-91		22	5%	1/10W	Q4306		TRANSISTOR 2			
R4227	1-216-009-91	RES,CHIP	22	5%	1/10W	Q4307	8-729-422-27	TRANSISTOR 2	SD601A-O		
						Q4308	8-729-216-22	TRANSISTOR 2	SA1162-G		
******	******	*******	*******	*****	*****	Q4309	8-729-216-22	TRANSISTOR 2	SA1162-G		
* A-1390-952-A ZB BOARD, COMPLETE								<resistor></resistor>			
		**********	*****			D 4201	1 216 025 01	DEC CHID	100	50/	1/10W/
	4-382-854-11	SCREW(M3X10),	P. SW (+)			R4301 R4302	1-216-025-91 1-216-049-91		100 1K	5% 5%	1/10W 1/10W
			-,~(.)			R4304		METAL OXIDE	120	5%	3W F
						R4306		METAL OXIDE	120	5%	3W F
		<capacitor></capacitor>				R4307	1-249-397-11	CARBON	22	5%	1/4W F
C4301		CERAMIC CHIP	$0.1 \mu F$		25V	R4308	1-247-863-91		22K	5%	1/4W
C4302	1-107-667-11		2.2μF	20%	160V	R4309	1-249-414-11		560	5%	1/4W
C4303 C4304	1-130-471-00 1-130-471-00		0.001μF 0.001μF	5% 5%	50V 50V	R4310 R4311	1-249-415-11 1-249-414-11		680 560	5% 5%	1/4W F 1/4W
C4304 C4305	1-130-471-00		0.001µF 0.001µF		200V	R4311 R4312	1-249-414-11		22K	5% 5%	1/4W 1/4W
			·								
C4306	1-104-987-11		0.001µF		200V	R4313	1-249-415-11		680	5%	1/4W F
C4307	1-107-364-11		0.01μF	10%	200V 50V	R4314	1-249-429-11		10K	5% 5%	1/4W F
C4308 C4309	1-126-968-11 1-126-968-11		100μF 100μF	20% 20%	50V 50V	R4315 R4316	1-249-384-11 1-249-384-11		1.8 1.8	5% 5%	1/4W F 1/4W F
C4309	1-120-908-11		22μF		160V	R4317	1-249-364-11		47	5%	1/4W F
			r-								

The components identified by shading and mark \triangle are critical for safety. Replace only with part number specified.

KP-53XBR300/61XBR300 RM-Y902 RM-Y902



REF. NO.	PART NO.	DESCRIPTION			REMARK	REF. NO.	PART NO.	DESCRIPTION	REMARK
R4318 R4319 R4321		CARBON METAL OXIDE METAL CHIP	47 180 10K	5% 5% 0.50%	1/4W F 3W F 6 1/10W	:	* 4-065-746-01	TRAY (53XBR) BOARD, TOP (53XBR) BOARD, TOP (61XBR)	
R4322 R4323		METAL CHIP METAL CHIP	5.6K 3.3K		6 1/10W 6 1/10W			, , ,	
R4324		METAL CHIP	10K		6 1/10W			REMOTE COMMANDER ************************************	
R4325 R4326 R4327	1-216-033-00 1-216-009-91 1-216-009-91	RES,CHIP	220 22 22	5% 5% 5%	1/10W 1/10W 1/10W			REMOTE COMMANDER (RM-Y90 COVER, BATTERY (FOR RM-Y902	,
									•

MISCELLANEOUS

<u> </u>	1-223-925-51	RESISTOR ASSY (HIGH-VOLTAGE)
		(FOCUS PACK)

1-251-321-12 SELECTOR, ANTENNA

△ 1-452-790-21 NECK ASSY

1-500-021-11 CLAMP, SLEEVE FERRITE (61XBR)

1-505-914-11 SPEAKER (10cm)

1-505-915-11 SPEAKER (13cm) (53XBR)

1-505-916-11 SPEAKER (5.2cm)

1-505-917-11 SPEAKER (16cm) (61XBR)

1-528-911-11 BATTERY, SOLAR

1-543-653-11 CORE ASSY, BEAD(DIVISION TYPE)

* 1-556-945-21 CABLE, P-P

* 1-557-056-31 CABLE, P-P

△ 1-783-595-11 CORD, NOISE FILTER WITH POWER

△ 8-598-955-12 BLOCK ASSY, HIGH-VOLTAGE

△ 8-736-087-05 CRT 07MZC2(G)

△ 8-736-088-05 CRT 07MZC3(B) (53XBR)

△ 8-736-089-05 CRT 07MZC3(R) (53XBR)

△ 8-736-090-05 CRT 07MZC4(B) (61XBR)

△ 8-736-091-05 CRT 07MZC4(R) (61XBR)

ACCESSORIES AND PACKING MATERIALS

1-751-347-11 CORD, SPEAKER

3-867-651-11 MANUAL, INSTRUCTION

3-867-651-21 MANUAL, INSTRUCTION

3-867-651-31 MANUAL, INSTRUCTION

3-867-651-41 MANUAL, INSTRUCTION

* 4-041-428-01 BAG, POLYETHYLENE

* 4-042-463-01 SHEET, PROTECTION

* 4-063-915-01 CUSHION (UPPER) (ASSY) (61XBR)

* 4-063-916-01 CUSHION (LOWER) (ASSY) (61XBR)

* 4-063-921-01 INDIVIDUAL CARTON (61XBR)

* 4-063-922-01 BOARD, BOTTOM (61XBR)

* 4-063-923-01 TRAY (61XBR)

* 4-063-924-01 CUSHION (UPPER) (ASSY) (53XBR)

* 4-063-925-01 CUSHION (LOWER) (ASSY) (53XBR)

* 4-063-930-01 INDIVIDUAL CARTON (53XBR)

* 4-063-931-01 BOARD, BOTTOM (53XBR)



SERVICE MANUAL

RA-4A CHASSIS

MODEL NAME	REMOTE COMMANDER	<u>DESTINATION</u>	CHASSIS NO.
KP-53XBR300	RM-Y902	US	SCC-P21A-A
KP-53XBR300	RM-Y902	Canadian	SCC-P21A-A
KP-61XBR300	RM-Y902	US	SCC-P21B-A
KP-61XBR300	RM-Y902	Canadian	SCC-P40B-A

CORRECTION - 1

SUBJECT: D BOARD CORRECTIONS - Q5031 VOLTAGE; WAVEFORMS

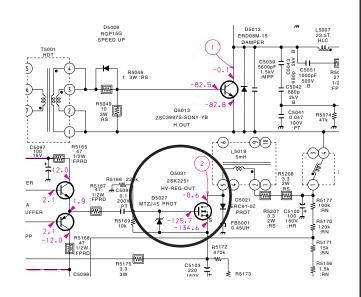
Correct the service manual as shown. File this Correction with the service manual.

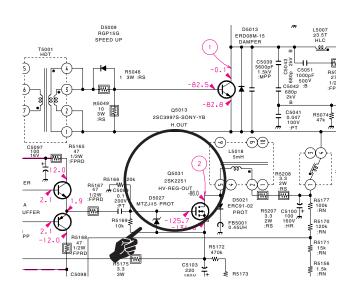


Section 6: Diagrams - D Board (Page 127-129)

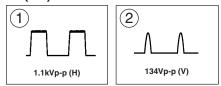
INCORRECT

CORRECT





• D(1/2) BOARD WAVEFORMS



• D(1/2) BOARD WAVEFORMS

